SAMSUNG

BD-E5500

Blu-ray™ Disc Player

user manual

imagine the possibilities

Thank you for purchasing this Samsung product.
To receive more complete service,
please register your product at
www.samsung.com/register

ENGLISH

Warning

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (OR BACK).
NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.	**CAUTION**: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK) NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	This symbol indicates important instructions accompanying the product.

Do not install this equipment in a confined space such as a bookcase or similar unit.

WARNING

To prevent damage which may result in fire or electric shock hazard, do not expose this appliance to rain or moisture.

CAUTION

Blu-ray Disc Player USES AN INVISIBLE LASER BEAM WHICH CAN CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE Blu-ray Disc Player CORRECTLY AS INSTRUCTED.

CAUTION

THIS PRODUCT UTILIZES A LASER.
USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

This product satisfies CE regulations when shielded cables and connectors are used to connect the unit to other equipment.
To prevent electromagnetic interference with electric appliances, such as radios and televisions, use shielded cables and connectors for connections.

IMPORTANT NOTE

The mains lead on this equipment is supplied with a molded plug incorporating a fuse. The value of the fuse is indicated on the pin face of the plug.
If it requires replacing, a fuse approved to BS1362 of the same rating must be used.

Never use the plug with the fuse cover omitted if the cover is detachable. If a replacement fuse cover is required, it must be of the same colour as the pin face of the plug. Replacement covers are available from your dealer.

If the fitted plug is not suitable for the power points in your house or the cable is not long enough to reach a power point, you should obtain a suitable safety approved extension lead or consult your dealer for assistance.

However, if there is no alternative to cutting off the plug, remove the fuse and then safely dispose of the plug. Do not connect the plug to a mains jack, as there is a risk of shock hazard from the bared flexible cord.

To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

The product unit accompanying this user manual is licenced under certain intellectual property rights of certain third parties.

CLASS 1 LASER PRODUCT

This Compact Disc player is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION :

- CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WHEN OPEN. AVOID EXPOSURE TO THE BEAM (IEC 60825-1)
- THIS PRODUCT UTILIZES A LASER. USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. DO NOT OPEN COVER AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

CLASS 1	**LASER PRODUCT**
KLASSE 1	**LASER PRODUKT**
LUOKAN 1	**LASER LAITE**
KLASS 1	**LASER APPARAT**
PRODUCTO	**LÁSER CLASE 1**

Precautions

Important Safety Instructions

Read these operating instructions carefully before using the unit. Follow all the safety instructions listed below.
Keep these operating instructions handy for future reference.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including AV receivers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where it exits the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as when the power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

Disc Storage & Management

- Holding Discs
  - Fingerprints or scratches on a disc may reduce sound and picture quality or cause skipping

  - Avoid touching the surface of a disc where data has been recorded.
  - Hold the disc by the edges so that fingerprints will not get on the surface.
  - Do not stick paper or tape on the disc.
- Cleaning Discs
  - If you get fingerprints or dirt on a disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

  - When cleaning, wipe gently from the inside to the outside of the disc.
- Disc Storage
  - Do not keep in direct sunlight.
  - Keep in a cool ventilated area.
  - Keep in a clean protection jacket and store vertically.

Handling Cautions

- Do not expose this apparatus to dripping or splashing. Do not put objects filled with liquids, such as vases on the apparatus.
- To turn this apparatus off completely, you must pull the power plug out of the wall socket. Consequently, the power plug must be easily and readily accessible at all times.
- Do not plug multiple electric devices into the same wall socket. Overloading a socket can cause it to overheat, resulting in a fire.
- Maintenance of Cabinet.
  - Before connecting other components to this player, be sure to turn them off.
  - If you move your player suddenly from a cold place to a warm place, condensation may occur on the operating parts and lens and cause abnormal disc playback. If this occurs, unplug the player, wait for two hours, and then connect the plug to the power outlet. Then, insert the disc, and try to play back again.
- If the product makes an abnormal noise or produces a burning smell or smoke, turn off the power switch immediately and disconnect the power plug from the wall outlet. Then, contact the nearest customer service centre for technical assistance. Do not use the product. Using the product as it is may cause a fire or an electric shock.

Using the 3D function

IMPORTANT HEALTH AND SAFETY INFORMATION FOR 3D PICTURES.
Read and understand the following safety information before using the 3D function.

- Some viewers may experience discomfort while viewing 3D TV such as dizziness, nausea, and headaches.
  If you experience any such symptom, stop viewing 3D TV, remove the 3D Active Glasses, and rest.
- Watching 3D images for an extended period of time may cause eye strain. If you feel eye strain, stop viewing 3D TV, remove your 3D Active Glasses, and rest.
- A responsible adult should frequently check on children who are using the 3D function. If there are any reports of tired eyes, headaches, dizziness, or nausea, have the child stop viewing 3D TV and rest.
- Do not use the 3D Active Glasses for other purposes (Such as general eyeglasses, sunglasses, protective goggles, etc.)
- Do not use the 3D function or 3D Active Glasses while walking or moving around. Using the 3D function or 3D Active Glasses while moving around may cause you to bump into objects, trip, and/or fall, and cause serious injury.
- If you want to enjoy 3D content, connect a 3D device (3D compliant AV receiver or TV) to the player's HDMI OUT port using a high-speed HDMI cable. Put on 3D glasses before playing the 3D content.
- The player outputs 3D signals only through HDMI cable connected to the HDMI OUT port.
- As the video resolution in 3D play mode is fixed according to the resolution of the original 3D video, you can not change the resolution to your preference.
- Some functions such as BD Wise, screen size adjustment, and resolution adjustment may not operate properly in 3D play mode.
- You must use a high-speed HDMI cable for proper output of the 3D signal.
- Stay at least three times the width of the screen from the TV when watching 3D images. For example, if you have a 46-inch screen, stay 138 inches (11.5 feet) from the screen.
- Place the 3D video screen at eye level for the best 3D picture.
- When the player is connected to some 3D devices, the 3D effect may not function properly.
- This player does not convert 2D content into 3D.
- "Blu-ray 3D" and "Blu-ray 3D" logo are trademarks of the Blu-ray Disc Association.

Copyright

© 2012 Samsung Electronics Co.,Ltd.
All rights reserved; No part or whole of this user's manual may be reproduced or copied without the prior written permission of Samsung Electronics Co.,Ltd.

Contents

SAFETY INFORMATION

2 Warning
3 Precautions
3 Important Safety Instructions
3 Disc Storage & Management
3 Handling Cautions
4 Using the 3D function
4 Copyright

GETTING STARTED

6 Disc and Format Compatibility
6 Disc types and contents your player can play
6 Disc types your player cannot play
7 Region Code
7 Logos of Discs the player can play
8 Supported Formats
9 Accessories
10 Front Panel
10 Rear Panel
11 Remote Control
11 Tour of the Remote Control

CONNECTIONS

12 Connecting to a TV
12 Connecting to an Audio System
12 **Method 1** Connecting to an HDMI supported AV receiver
12 **Method 2** Connecting to an AV receiver with Dolby Digital or DTS decoder
13 Connecting to a Network Router
13 Wired Network
13 Wireless Network

SETTINGS

14 The Initial Settings Procedure
14 The Home Screen
14 Accessing the Settings Screen
14 Buttons on the Remote Control Used for the Settings Menu
15 Settings Menu Functions
18 Networks and the Internet
18 Configuring Your Network Connection
20 Upgrading Software
20 By Internet
20 By USB
20 By Disc
21 Via download
21 Download in Standby Mode

MEDIA PLAY

22 Insert a Disc
22 Insert a USB Device
22 My Contents
22 My Devices
23 Controlling Video Playback
23 Buttons on the Remote Control used for Video Playback
23 Using the Tools Menu
24 Controlling Music Playback
24 Buttons on the Remote Control used for Music Playback
24 Repeat an Audio CD (CD-DA)/MP3
24 Playlist
24 Playing Photo Contents
24 Using the Tools Menu

NETWORK SERVICES

25 Using Smart Hub
25 Smart Hub at a Glance
25 BD-LIVE™
26 Using the AllShare Network Function
26 To Download the AllShare Software
26 Playing Content Located on Your PC or DLNA Device through the Blu-ray Disc Player

APPENDIX

27 Compliance and Compatibility Notice
27 Copy Protection
28 Network Service Disclaimer
28 Licence
29 Additional Information
29 Note
31 Resolution according to the contents type
32 Digital Output Selection
33 Troubleshooting
34 Repairs
35 Specifications

Disc and Format Compatibility

Disc types and contents your player can play

Media	Disc Type	Details
VIDEO	Blu-ray Disc 3D Blu-ray Disc	BD-ROM or BD-RE/-R recorded in the BD-RE format.
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO, recorded DVD+RW/DVD-RW(V)/DVD-R/+R that have been recorded and finalized, or a USB storage media containing DivX, MKV, MP4 contents.
MUSIC	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Music recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing MP3 or WMA contents.
PHOTO	CD-RW/-R, DVD-RW/-R, BD-RE/-R	Photos recorded on CD-RW/-R, DVD-RW/-R, BD-RE/-R or a USB storage media containing JPEG contents.

| NOTE |

- The player may not play certain CD-RW/-R and DVD-R because of the disc type or recording conditions.
- If a DVD-RW/-R has not been recorded properly in DVD video format, it will not be playable.
- Your player will not play content that has been recorded on a DVD-R at a bit-rate that exceeds 10 Mbps.
- Your player will not play content that has been recorded on a BD-R or USB device at a bit rate that exceeds 25 Mbps.
- Playback may not work for some types of discs, or when you use specific functions, such as angle change and aspect ratio adjustment. Information about the discs is written in detail on the disc box. Please refer to this if necessary.
- When you play a BD-J title, loading may take longer than a normal title or some functions may perform slowly.

Disc types your player cannot play

- HD DVD
- DVD-ROM/PD/ MV, etc
- DVD-RAM
- Super Audio CD (except CD layer)
- DVD-RW(VR mode)
- CVD/CD-ROM/ CDV/CD-G/CD-I/LD (CD-Gs play audio only, not graphics.)
- 3.9 GB DVD-R for Authoring.

| NOTE |

- This player may not respond to all operating commands because some Blu-ray Discs, DVDs, and CDs allow specific or limited operation and provide only certain features during playback.
  Please note that this is not a defect in the player.
- Samsung cannot guarantee that this player will play every disc bearing the Blu-ray Disc, DVD or CD logo because disc formats evolve, and problems and errors may occur during the creation of Blu-ray Disc, DVD, and CD software and/or the manufacture of discs.
- Please contact the SAMSUNG Customer Care Centre if you have questions or encounter difficulty when playing Blu-ray Disc, DVD, or CD in this player. Also, refer to rest of this user manual for additional information on playback restrictions.
- Some commercial discs and DVDs purchased outside your region may not play on this player.

Region Code

Both players and discs are coded by region.

These regional codes must match for a disc to play. If the codes do not match, the disc will not play.

The Region Number for this player is displayed on the rear panel of the player.

Disc Type	Region Code	Area
Blu-ray Disc		North America, Central America, South America, Korea, Japan, Taiwan, Hong Kong and South East Asia.
		Europe, Greenland, French territories, Middle East, Africa, Australia and New Zealand.
		India, China, Russia, Central and South Asia.
DVD-VIDEO		The U.S., U.S. territories and Canada
		Europe, Japan, the Middle East, Egypt, South Africa, Greenland
		Taiwan, Korea, the Philippines, Indonesia, Hong Kong
		Mexico, South America, Central America, Australia, New Zealand, Pacific Islands, Caribbean
		Russia, Eastern Europe, India, most of Africa, North Korea, Mongolia
		China

Logos of Discs the player can play

Blu-ray Disc	3D Blu-ray Disc	BD-LIVE
DivX	NTSC broadcast system in U.S.A, Canada, Korea, Japan	

Supported Formats

Video File Support

File Extension	Container	Video Codec	Resolution	Frame rate (fps)	Bit rate (Mbps)	Audio Codec
*.avi *.mkv *.asf *.wmv *.mp4 *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp	AVI MKV ASF MP4 3GP VRO VOB PS TS	DivX 3.11/ 4.x/5.x/6.1	1920x1080	6~30	20	Dolby Digital LPCM AAC HE-AAC WMA MP3 DTS
		MPEG4 SP/ASP				
		H.264 BP/ MP/HP			25	
		Window Media Video v9	1920x1080		25	
		MPEG2		24/25/30		
		MPEG1	352x288	24/25/3	20	

- Limitations

- Even when a file is encoded by a supported codec listed above, the file might not be played if its content is defective or corrupted.
- Normal playback is not guaranteed if the file's container information is wrong or the file itself is corrupted.
- Files having higher bit or frame rates than standard may stutter when played back.
- The seek (skip) function is not available if the file's index table is damaged.
- When you playback a file remotely through a network connection, video playback may stutter depending on the network speed.
- Some USB/Digital camera devices may not be compatible with the player.

- Video decoder

- Supports up to H.264 Level 4.1
- Does not support GMC 2 or higher

- Audio decoder

- Supports WMA 7, 8, 9 and STD
- Does not support WMA 9 PRO multi-channel or lossless audio if the number of channels is more than 2.
- Does not support WMA sampling rate of 22050Hz mono.

- Comments

- MPEG4 : Supports up to GMC 1-Warping Point.
- H.264 : Supports up to BP/MP/HP Level 4.1.
- WMV : Supports V9, VC1 SP/MP/AP L3.
- MPEG1 : Does not support D-picture.
- MPEG2 : Supports up to Hight Profile High Level.

❑ **Supported DivX subtitle file formats**

*.ttxt, *.smi, *.srt, *.sub, *.txt

| NOTE |

▸ Some DivX, MKV and MP4 format discs may not play, depending on their video resolution and frame rate.

Music File Support

File Extension	Container	Audio Codec	Support Range
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* Sampling rates (in kHz) - 8, 11, 16, 22, 32, 44.1, 48 * Bit rates - All bit rates in the range 5kbps to 384kbps.

Notes on the USB connection

- Your player supports USB storage media, MP3 players, digital cameras, and USB card readers.
- Some USB/digital camera devices may not be compatible with the player.
- Your player supports the FAT16, FAT32, and NTFS files systems.
- Connect USB devices directly to the player's USB port. Connecting through a USB cable may cause compatibility problems.
- Inserting more than one memory device into a multi-card reader may cause the reader to operate improperly.
- The player does not support the PTP protocol.
- Do not disconnect a USB device during a "loading" process.
- The bigger the image resolution, the longer the image takes to display.
- This player cannot play MP3 files with DRM (Digital Rights Management) downloaded from commercial sites.
- Your player only supports video that is under 30fps (frame rate).
- Your player only supports USB Mass Storage Class (MSC) devices such as thumb drives and USB HDD. (HUB is not supported.)
- Certain USB HDD Devices, multi-card readers and thumb drives may not be compatible with this player.
- If a USB device requires excessive power, it may be limited by the circuit safety device.
- If playback from a USB HDD is unstable, provide additional power by plugging the HDD into a wall socket.
  If the problem continues, contact the USB HDD manufacturer.
- You must remove USB Storage devices using the "**Safely Remove USB**" function to prevent possible damage to the USB memory.
  Press the **HOME** button to move to the home screen, press the **YELLOW (C)** button, and then press the ⏎ button.
- SAMSUNG is not responsible for any data file damage or data loss.
- Your player does not support NTSF compressed files, sparse files, or encrypted files.
  - You can repair or format a USB device on your Desktop PC. (MS-Windows OS only)

AVCHD (Advanced Video Codec High Definition)

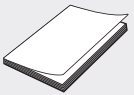
- This player can play back AVCHD format discs. These discs are normally recorded and used in camcorders.
- The AVCHD format is a high definition digital video camera format.
- The MPEG-4 AVC/H.264 format compresses images with greater efficiency than the conventional image compressing format.
- Some AVCHD discs use the "x.v.Color" format. This player can play back AVCHD discs that use "x.v.Color" format.
- "x.v.Color" is a trademark of Sony Corporation.
- "AVCHD" and the AVCHD logo are trademarks of Matsushita Electronic Industrial Co., Ltd. and Sony Corporation.

| NOTE |

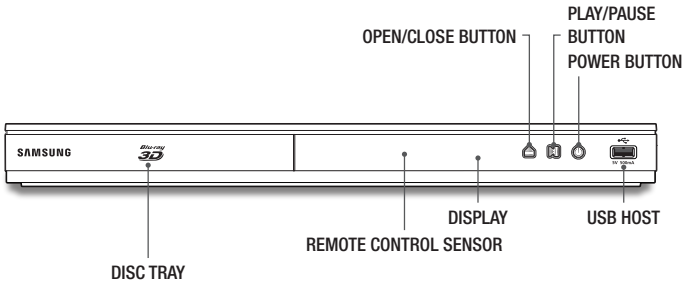
- Some AVCHD format discs may not play, depending on the recording conditions. AVCHD format discs need to be finalized.
- "x.v.Color" offers a wider colour range than normal DVD camcorder discs.

Accessories

Check for the supplied accessories below.

Batteries for Remote Control (AAA Size)	HDMI cable
	
User Manual	Remote Control

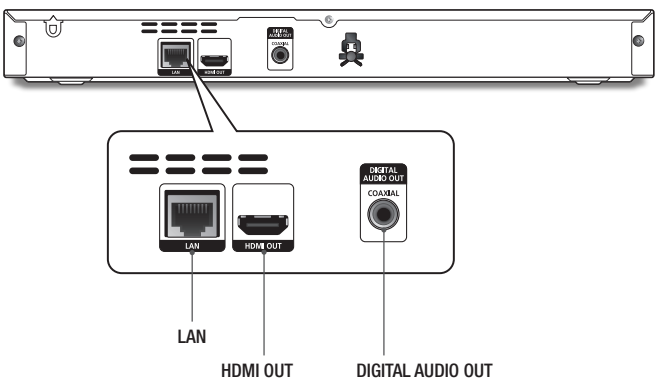
Front Panel



| NOTE |

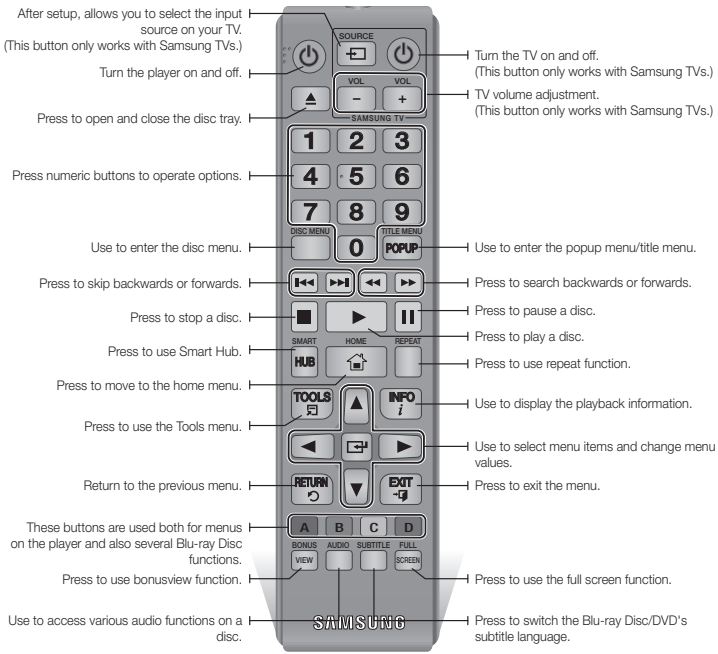
- To upgrade the player's software through the USB Host jack, you must use a USB memory stick.
- When the player displays the Blu-ray Disc menu, you cannot start the movie by pressing the Play button on the player or the remote. To play the movie, you must select Play Movie or Start in the disc menu, and then press the button.

Rear Panel

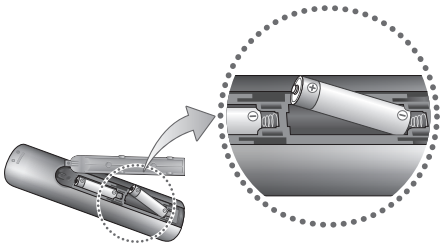


Remote Control

Tour of the Remote Control


After setup, allows you to select the input source on your TV. (This button only works with Samsung TVs.)
Turn the player on and off.
Press to open and close the disc tray.
Press numeric buttons to operate options.
Use to enter the disc menu.
Press to skip backwards or forwards.
Press to stop a disc.
Press to use Smart Hub.
Press to move to the home menu.
Press to use the Tools menu.
Return to the previous menu.
These buttons are used both for menus on the player and also several Blu-ray Disc functions.
Press to use bonusview function.
Use to access various audio functions on a disc.
Turn the TV on and off. (This button only works with Samsung TVs.)
TV volume adjustment. (This button only works with Samsung TVs.)
Use to enter the popup menu/title menu.
Press to search backwards or forwards.
Press to pause a disc.
Press to play a disc.
Press to use repeat function.
Use to display the playback information.
Use to select menu items and change menu values.
Press to exit the menu.
Press to use the full screen function.
Press to switch the Blu-ray Disc/DVD's subtitle language.
SOURCE
VOL
SAMSUNG TV
DISC MENU
TITLE MENU
POPUP
SMART HUB
HOME
REPEAT
TOOLS
INFO
RETURN
EXIT
A
B
C
D
BONUS VIEW
AUDIO
SUBTITLE
FULL SCREEN
SAMSUNG

Installing batteries



| NOTE |

- If the remote does not operate properly:
  - Check the polarity +/– of the batteries.
  - Check if the batteries are drained.
  - Check if the remote sensor is blocked by obstacles.
  - Check if there is any fluorescent lighting nearby.

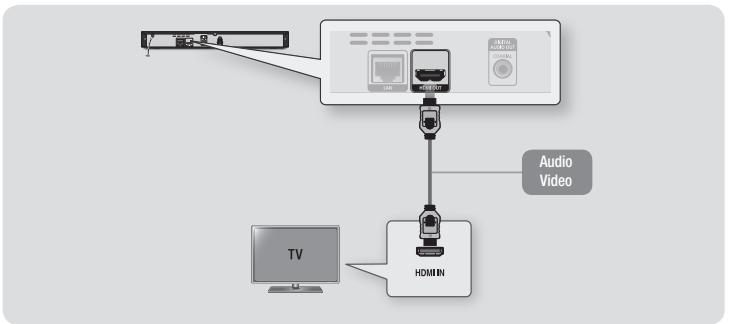
| CAUTION |

- Dispose of batteries according to local environmental regulations. Do not put them in the household trash.

Connecting to a TV

Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your TV.

- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.



| NOTE |

- If you use an HDMI-to-DVI cable to connect to your display device, you must also connect the Digital Audio Out on the player to an audio system to hear audio.
- An HDMI cable outputs digital video and audio, so you don't need to connect an audio cable.
- Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV.
- When you connect the player to your TV using the HDMI cable or to a new TV, and then turn it on for the first time, the player automatically sets the HDMI output resolution to the highest supported by the TV.
- A long HDMI cable may cause screen noise. If this occurs, set HDMI Deep Colour to Off in the menu.
- To view video in the HDMI 720p, 1080i, or 1080p output mode, you must use a High speed (category 2) HDMI cable.
- HDMI outputs only a pure digital signal to the TV.
  If your TV does not support HDCP (High-bandwidth Digital Content Protection), random noise appears on the screen.

Connecting to an Audio System

You can connect the Blu-ray player to an the audio system using one of the methods illustrated below.

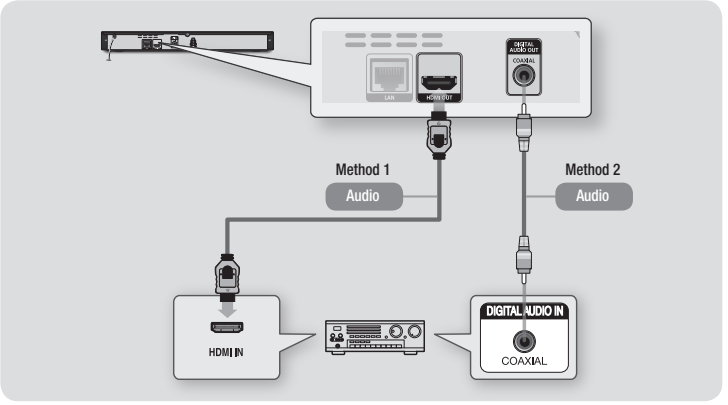
- Do not connect the power cord to the wall outlet until you have made all the other connections.
- When you change the connections, turn off all devices before you start.

Method 1 Connecting to an HDMI supported AV receiver

- Connect an HDMI cable from the HDMI OUT jack on the back of the product to the HDMI IN jack on your receiver.
- Best quality (Recommended)

Method 2 Connecting to an AV receiver with Dolby Digital or DTS decoder

- Using a digital Coaxial cable (not supplied), connect the Coaxial Digital Audio Out jack on the product to the Digital Coaxial In jack of the receiver.
- Good quality
- You will hear sound only through the front two speakers with Digital Output set to PCM.



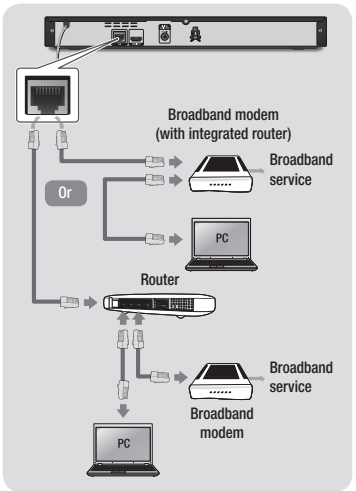
Connecting to a Network Router

You can connect your player to your network router using one of the methods illustrated below.

To use the AllShare network functionality, you must connect your PC to your network as shown in the illustrations.

The connection can be wired or wireless.

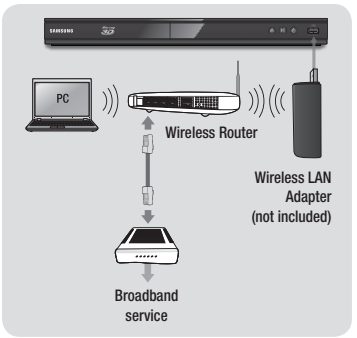
Wired Network



| NOTE |

- Internet access to Samsung's software update server may not be allowed, depending on the router you use or your ISP's policy. For more information, contact your ISP (Internet Service Provider).
- DSL users, please use a router to make a network connection.

Wireless Network



| NOTE |

- **Use only the Samsung wireless LAN adapter with this player. (Model name:WIS12ABGNX). Do not use this wireless adapter with any third-party players.**
  To purchase the Samsung wireless LAN adapter, visit your Samsung retailer.
- If your wireless router supports DHCP, this player can use a DHCP or static IP address to connect to the wireless network.
- Set your wireless router to Infrastructure mode. Ad-hoc mode is not supported.
- The player supports only the following wireless security key protocols:
  - WEP (OPEN/SHARED), WPA-PSK (TKIP/AES), WPA2-PSK (TKIP/AES)
- Select a channel on the wireless router that is not currently being used. If the channel set for the wireless router is currently being used by another device nearby, it will result in interference and communication failure.
- If you select the Pure High-throughput (Greenfield) 802.11n mode and set the Encryption type on your router to WEP, TKIP or TKIP-AES (WPS2Mixed), the player will not support a connection in compliance with new Wi-Fi certification specifications.
- Wireless LAN, by its nature, may cause interference, depending on the operating conditions (router performance, distance, obstacles, interference by other radio devices, etc).

The Initial Settings Procedure

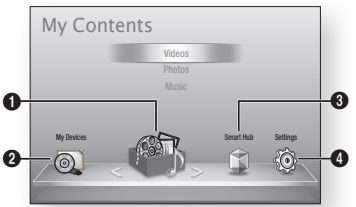
- The Home menu will not appear if you do not configure the initial settings.
- The OSD (On Screen Display) may change in this player after you upgrade the software version.
- The access steps may differ depending on the menu you selected.

The Initial Settings Procedure lets you set the OSD and menu languages, configure the connection to your home network, choose the aspect ratio output (screen size and format) that is correct for your TV.

| NOTE |

- If you skip Network Setup during the Initial Settings procedure, you can configure your network settings later. See "Configuring Your Network Connection" on pages 18~19 for instructions.
- If you want to display the Initial Settings screen again and make changes, select Settings > System > Initial Settings in the Home screen or select the Reset option. (See page 16)
- If you want to use an Anynet+(HDMI-CEC) function, please follow the instructions below.
  1) Connect the player to an Anynet+(HDMI-CEC)-compliant Samsung TV using HDMI Cable.
  2) Set the Anynet+(HDMI-CEC) feature to On in both the TV and the player.
  3) Set the TV to the Initial Settings Procedure.

The Home Screen



1	**My Contents** : Lets you select contents located on connected devices by type to view or play: You can select videos, photos, or music.
2	**My Devices** : Lets you select a connected device to play or access. The device can be the player itself, a device directly connected to the player, such as a USB thumb drive, or a device connected via your network, such as a shared drive on your PC.
3	**Smart Hub** : Starts Smart Hub. From Smart Hub, you can access YouTube, games, and other apps.
4	**Settings** : Set various functions to suit your personal preferences.

▪ Selecting an Option on the Home Screen

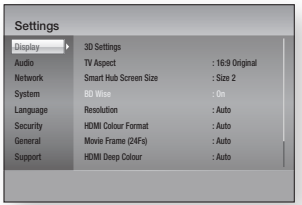
1. To select an option on the Home screen, move the cursor using the ◄► buttons until it highlights the option of your choice, and then press the ⏎ button.

| NOTE |

- If you leave the player in the stop mode for more than 5 minutes without using it, a screen saver will appear on your TV. If the player is left in the screen saver mode for more than 20 minutes, the power will automatically turn off.

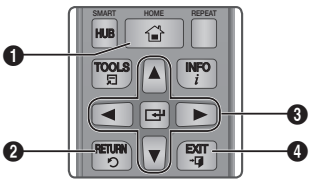
Accessing the Settings Screen

1. Select **Settings** on the Home screen, and then press the ⏎ button. The Settings screen appears.



2. To access the Settings menus, sub-menus, and options, please refer to the remote control illustration and the table to the right.

Buttons on the Remote Control Used for the Settings Menu



1	**HOME** Button : Press to move to the Home screen.
2	**RETURN** Button : Return to the previous menu.
3	**(Enter) / DIRECTION** Buttons : • Press ▲▼◄► to move the cursor or select an item. • Press the ⏎ button to activate the currently selected item or confirm a setting.
4	**EXIT** Button : Press to exit the current menu.

Detailed Function Information

Each Settings function, menu item, and individual option is explained in detail on-screen. To view an explanation, use the ▲▼◄► buttons to select the function, menu item, or option. The explanation will usually appear on the right side of the screen.
A short description of each Settings function starts on the next page. Additional information on some of the functions is also in the Appendix of this manual.

Settings Menu Functions

Display	3D Settings	Select whether to play a Blu-ray Disc with 3D contents in 3D Mode. • If you move to the Home or Smart Hub Home screen while in 3D mode, the player will switch to 2D automatically.
	TV Aspect	Lets you adjust the output of the player to the screen size and screen format of your TV.
	Smart Hub Screen Size	Lets you select the optimal size for the Smart Hub Screen.
	BD Wise	BD Wise is Samsung's latest inter-connectivity feature. When you connect a Samsung player and a Samsung TV with BD Wise to each other via HDMI, and BD Wise is on in both the player and TV, the player outputs video at the video resolution and frame rate of the Blu-ray Disc/ DVD.
	Resolution	Set the output resolution of the HDMI video signal to Auto, 1080p, 1080i, 720p or 480p. The number indicates the number of lines of video per frame. The i and p indicate interlaced and progressive scan, respectively. Generally, the higher the number of lines, the higher the picture quality.
	HDMI Colour Format	Lets you set the colour space format for the HDMI output so that it matches the capabilities of the connected device (TV, monitor, etc). The screen goes black momentarily after you have selected a format.
Display	Movie Frame (24Fs)	If the player is connected to a 24Fs compatible TV, setting the Movie Frame (24Fs) feature to Auto lets the player adjust its HDMI output to 24 frames per second automatically for improved picture quality. • You can enjoy the Movie Frame (24Fs) feature only on a TV supporting this frame rate. • Movie Frame is only available when the player is in the HDMI 1080i or 1080p output resolution modes.
	HDMI Deep Colour	Lets you set the product to output HDMI video with Deep Colour. Deep Colour provides more accurate colour reproduction with greater colour depth.
	Still Mode	Lets you set the type of picture the player displays when you pause DVD playback.
	Progressive Mode	Lets you improve picture quality when viewing DVDs.

Audio	**Digital Output**	Lets you select the digital audio output format that is suitable for your TV or AV Receiver. For more details, see the digital output selection table on page 32.
	PCM Downsampling	Lets you choose to have 96Khz PCM signals downsampled to 48Khz before they are outputted to an amplifier. Choose On if your amplifier or receiver is not compatible with a 96Khz signal.
	Dynamic Range Control	Lets you apply dynamic range control to Dolby Digital, Dolby Digital Plus, and Dolby True HD audio. ✓ **Auto** : Automatically controls the dynamic range of Dolby TrueHD audio, based on information in the Dolby TrueHD soundtrack. Also turns dynamic range control on for Dolby Digital and Dolby Digital Plus. ✓ **Off** : Leaves the dynamic range uncompressed, letting you hear the original sound. ✓ **On** : Turns dynamic range control on for all three Dolby formats. Quieter sounds are made louder and the volume of loud sounds is reduced.
	Downmixing Mode	Lets you select the multi-channel downmix method that is compatible with your stereo system. You can choose to have the player downmix to normal stereo or to surround compatible stereo.

Network	**Network Settings**	Configure the network connection so you can enjoy various features such as Internet services or AllShare, and perform software upgrades.
	Network Status	Lets you check the current network and Internet status.
	BD-Live Internet Connection	Set to allow or prohibit an Internet connection when you use the BD-LIVE service.

System	**Initial Settings**	You can set the language, Network Settings, etc. by using the Initial Settings function.
	Quick Start	Lets you set the player to turn on quickly by decreasing the boot time. I NOTE I ▸ If this function set to **On**, Standby power consumption will be increased.
	Anynet+ (HDMI-CEC)	Anynet+ is a convenient function that offers linked operations with other Samsung players that have the Anynet+ feature and lets you control those products with one Samsung TV remote. To operate this function, you must connect this player to an Anynet+ Samsung TV using an HDMI cable.
	BD Data Management	Lets you manage the downloaded contents you accessed through a Blu-ray Disc that supports the BD-LIVE service.
	Time Zone	You can specify the time zone that is applicable to your area.

System	**DivX® Video On Demand**	View DivX® VOD Registration Codes to purchase and play DivX® VOD contents.
	Reset	Resets all settings to their default settings except for the network and Smart Hub settings. The default security PIN is 0000.

Language

You can select the language you prefer for the Home menu, disc menu, etc.

- ✓ **On-Screen Menu** : Select the language for the on-screen displays.
- ✓ **Disc Menu** : Select the language for the disc menu displays.
- ✓ **Audio** : Select the language for the disc audio.
- ✓ **Subtitle** : Select the language for the disc subtitles.

| NOTE |

- The selected language will only appear if it is supported on the disc.

Security

The default PIN is 0000. Enter the default PIN to access the security function if you haven't created your own password.

- ✓ **BD Parental Rating** : Prevents playback of Blu-ray Discs with a rating equal to or above a specific age rating unless you enter the security PIN.
- ✓ **DVD Parental Rating** : Prevents playback of DVDs with a rating above a specific numerical rating unless you enter the security PIN.
- ✓ **Change Password** : Change the 4-digit PIN used to access security functions.

▪ If you forgot your PIN:

1. Remove any disc or USB storage device.
2. Press and hold the ▶II button on the front panel for 5 seconds or more.
   All settings will revert to the factory settings.

General	**Network Remote Control**	The Network Remote Control function lets you control your Blu-ray Disc player from a remote device such as a smart phone through a wireless connection to your local area network. 1. Select **On** in the Network Remote Control menu. 2. Install the Samsung network remote control application to control your player on your compatible portable device. 3. Make sure your portable device and your player are connected to the same wireless router. 4. Start the application on your portable device. The application should find your player and display it on a list. 5. Select the player. 6. If this is the first time you are using the function, it will ask you to allow or deny remote control of the player. Select Allow. 7. Follow the instructions that came with the application to control the player.
Support	**Software Upgrade**	For more information about the Software Upgrade function, see "Upgrading Software" on pages 20~21.
	Contact Samsung	Provides contact information for assistance with your player.

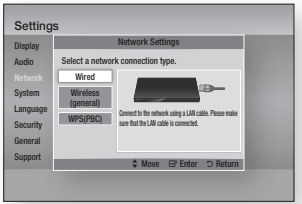
Networks and the Internet

When you connect this player to a network, you can use network based applications and functions such as Smart Hub and BD-LIVE, and upgrade the player's software through the network connection. For more information about accessing and using Internet services, see the Network Services chapter of this manual on pages 25~26. Instructions for configuring the network connection start below.

Configuring Your Network Connection

Before you begin, contact your ISP to find out if your IP address is static or dynamic. If it is dynamic, and you have a wired or wireless network, we recommend using the Automatic configuration procedures described below.
If you are connecting to a wired network, connect the player to your router using a LAN cable before you start the configuration procedure.
If you are connecting to a wireless network, disconnect any wired network connection before you begin.
To begin configuring your network connection, follow these steps:

1. In the Home menu, select **Settings**, and then press the ⏎ button.
2. Select **Network**, and then press the ⏎ button.
3. Select **Network Settings**, and then press the ⏎ button.
   The Network Settings screen appears.



Wired Network

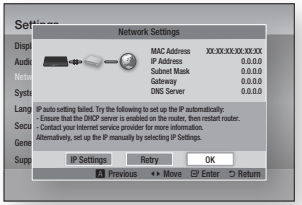
❑ **Wired - Automatic**

To setup, follow steps 1 to 3 in "Configuring Your Network Connection" on page 18.

1. Select **Wired** in the Network Settings screen, and then press the ⏎ button. The Network Status screen appears. The player verifies the network connection and then connects to the network.

❑ **Wired - Manual**

If you have a static IP address or the Automatic procedure does not work, you'll need to set the Network Settings values manually.



1. Select **Wired** in the Network Settings screen, and then press the ⏎ button. The Network Status screen appears. The player attempts to verify the network connection and fails.
2. Select **IP Settings** on the bottom of the screen, and press the ⏎ button. The IP Settings screen appears.
3. Select the **IP Mode** field, and then set it to Manual.
4. Use the number keypad on your remote to enter the Network values. Use the ▲▼◄► buttons on the remote to move from entry field to entry field.
5. When done, highlight **OK**, and then press the ⏎ button. The Network Status screen appears. The player verifies the network connection and then connects to the network.

< Getting the IP Settings values >

You can view your Network Settings values on most Windows computers. To view the Network Settings values, follow these steps:

- Windows XP

1. Right click the Network icon on the bottom right of the Windows desktop.
2. In the pop-up menu, click Status.
3. On the dialog that appears, click the Support tab.
4. On the Support tab, click the Details button.
   The Network settings are displayed.

- Windows 7

1. Click the Network icon on the bottom right of the Windows desktop.
2. In the pop-up menu, click Network and Sharing Centre.
3. On the dialog that appears, click the Local Area Connection or Wireless Network Connection depending on your network connection.
4. On the Support tab, click the Details button.
   The Network settings are displayed.

| NOTE |

- Depending on your Windows version, the information may differ.

Wireless Network

You can setup a wireless network connection in three ways:

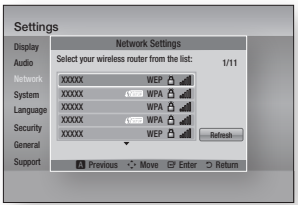
- Wireless Automatic
- Wireless Manual
- WPS(PBC)

When you configure the wireless network connection, any wireless network devices currently connected through the player or, if applicable, the player's current wired connection, will be disconnected.

❑ Wireless (general) - Automatic

To setup, follow steps 1 to 3 in "Configuring Your Network Connection" on page 18.

1. Select **Wireless (general)** in the Network Settings screen, and then press the button.
   The player searches for and then displays a list of the available networks.



2. Select the desired network, and then press the button.
   The Security screen appears.
3. On the Security screen, enter your network's Security Code or Pass Phrase.
   Enter numbers directly using the number buttons on your remote control. Enter letters by selecting a letter with an arrow button, and then pressing the button.
4. When done, select **Done** at the bottom of the screen, and then press the button. The Network Status screen appears. The player verifies the network connection and then connects to the network.

| NOTE |

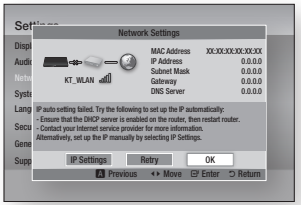
- You should be able to find the Security Code or Pass Phrase on one of the set up screens you used to set up your router or modem.

❑ Wireless (general) - Manual

If you have a static IP address or the Automatic procedure does not work, you'll need to set the Network Settings values manually.

After following Steps 1 to 3 in "Configuring Your Network Connection" on page 18.

1. Select **Wireless (general)** in the Network Settings screen, and then press the button.
   The Network Status screen appears. The player attempts to verify the network connection and fails.



2. Select **IP Settings** on the bottom of the screen, and then press the button. The IP Settings screen appears.
3. Select the **IP Mode** field, and then set it to Manual.
   - For the IP setting values, see "Getting the IP Settings values" on page 18.
4. Use the number keypad on your remote to enter the Network values. Use the ▲▼◄► buttons on the remote to move from entry field to entry field.
5. When done, highlight **OK**, and then press the button.
   The Security screen appears.
6. On the Security screen, enter your network's Security Code or Pass Phrase.
   Enter numbers directly using the number buttons on your remote control. Enter letters by selecting a letter with an arrow button, and then pressing the button.
7. When done, select **Done** at the bottom of the screen, and then press the button. The Network Status screen appears. The player verifies the network connection and then connects to the network.

❑ WPS(PBC)

To setup, follow steps 1 to 3 in "Configuring Your Network Connection" on page 18.

1. Select **WPS(PBC)** in the Network Settings screen, and then press the button.
   The player searches for and then displays a list of the available networks.
2. Press the **WPS(PBC)** button on your router within two minutes. Your player automatically acquires all the network settings values it needs and connects to your network. The Network Status screen appears. The player connects to the network after the network connection is verified.

Upgrading Software

The Software Upgrade menu allows you to upgrade the player's software for performance improvements or additional services.

- Never turn the player off or back on manually during the update process.

1. In the Home screen, select **Settings**, and then press the button.
2. Select **Support**, and then press the button.
3. Select **Software Upgrade**, and then press the button.
4. Select one of the following methods:
   - By Internet
   - By USB
   - By Disc
   - Via download
   - Download in Standby Mode
5. Press the button.

| NOTE |

- The upgrade is complete when the player turns off, and then turns on again by itself.
- Samsung Electronics takes no legal responsibility for player malfunction caused by an unstable Internet connection or consumer negligence during a software upgrade.
- If you want to cancel the upgrade while the upgrade software is downloading, press the button.
- When the system upgrade is progressing, "UP" is displayed on the front panel.

By Internet

Your player must be connected to the Internet to use the By Internet function.

1. Select **By Internet**, and then press the button. The Connecting to Server message appears.
2. If there is a download available, the Download pop-up appears with a progress bar and the download starts.
3. When the download is complete, the Upgrade Query window appears with three choices: Upgrade Now, Upgrade Later, or Don't Upgrade.
4. If you select Upgrade Now, the player upgrades the software, turns off, and then turns on automatically.
5. If you do not make a selection in one minute or select Upgrade Later, the player stores the new upgrade software. You can upgrade the software later using the Via download function.
6. If you select Don't Upgrade, the player cancels the upgrade.

By USB

1. Visit www.samsung.com.
2. Click **SUPPORT** on the top right of the page.
3. Enter the product's model number into the search field, and then click **Find Product**.
4. Click **Get downloads** in the centre of the page below the Downloads header.
5. Click **Firmware** in the centre of the page.
6. Click the **ZIP** icon in the File column on the right side of the page.
7. Click **OK** in the pop-up that appears to download and save the firmware file to your PC.
8. Unzip the zip archive to your computer. You should have a single folder with the same name as the zip file.
9. Copy the folder to a USB flash drive.
10. Make sure no disc is inserted in the player, and then insert the USB flash drive into the USB port of the player.
11. In the player's menu, go to Settings > Support > Software Upgrade.
12. Select **By USB**.

| NOTE |

- There should be no disc in the player when you upgrade the software using the USB Host jack.
- When the software upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the software upgrade.
  It may cause the player to malfunction.
- Software upgrades using the USB Host jack must be performed with a USB flash memory stick only.

By Disc

1. Follow Steps 1 through 7 in **By USB**.
2. Unzip the zip archive to your computer. You should have a single folder with the same name as the zip file.
3. Write the folder onto a disc. We recommend a CD-R or DVD-R.
4. Finalize the disc before you remove it from your computer.
5. Insert the disc into the player.
6. In the player's menu, go to Settings > Support > Software upgrade.
7. Select **By Disc**.

| NOTE |

- When the system upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the Software Upgrade.
  It may cause the player malfunction.

Via download

The Via download option lets you upgrade using a file the player downloaded earlier but you decided not to install immediately or a file downloaded by the player in Standby Mode.

1. If upgrade software has been downloaded, you will see the software version number to the right of Via download.
2. Select **Via download**, and then press the ↵ button.
3. The player displays a message asking if you want to upgrade. Select **Yes**. The player begins the upgrade.
4. When the update is complete, the player turns off automatically, and then turns on.

| NOTE |

- When the system upgrade is done, check the software details in the software Upgrade menu.
- Do not turn off the player during the software Upgrade.
  It may cause the player to malfunction.

Download in Standby Mode

You can set the Download in Standby Mode function so that the player downloads new upgrade software when it is in Standby Mode. In Standby Mode, the player is off, but its Internet connection is active. This allows the player to download upgrade software automatically, when you are not using it.

1. Press the ▲▼ buttons to select **Download in Standby Mode**, and then press the ↵ button.
2. Select **On** or **Off**.
   If you select **On**, the player will automatically download new upgrade software when it is in Standby Mode with the power off. If it downloads new upgrade software, the player will ask you if you want to install it when you turn the player on.

| NOTE |

- To use Standby Mode Upgrade function, your player must be connected to the Internet.

Your Blu-ray player can play Disc and USB contents and the contents located on your PC using the AllShare function. For more information about AllShare, refer to page 26.

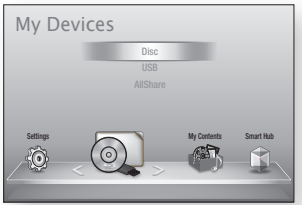
Insert a Disc

1. Press the ⏏ button to open the disc tray.
2. Push a disc gently into the disc tray with the disc's label facing up.
3. Press the ⏏ button to close the disc tray. Playback starts automatically.
4. If playback does not start automatically, select the My Contents or My Devices option on the Main screen, and then press the ↵ button.

Insert a USB Device

You can play multimedia files located on a USB storage device.

1. With the player off, connect the USB storage device to the USB port on the front panel of the player.
2. Turn on the player. When the Main screen appears, select My Devices > USB, and then press the ↵ button.



3. Select Videos, Photos, or Music, and then press the ↵ button. The contents of the USB device is displayed. Depending on how the contents is arranged, you will see either folders, individual files, or both.
4. Using the ▲▼◄► buttons on your remote, select the desired contents. To open a folder, select it, and then press the ↵ button. To play a file, select it, and then press the ↵ button.
5. Press the **RETURN** button to exit a folder or to return to the Main screen.

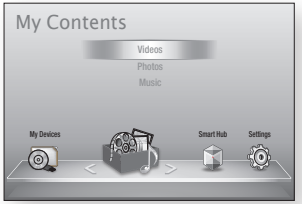
| NOTE |

- You must remove the USB storage device safely (by performing the "**Safely Remove USB**" function) in order to prevent possible damage to the USB memory. Press the **HOME** button to move to the Home menu, select the **YELLOW (C)** button, and then press the ↵ button.
- If you insert a disc when playing a USB storage device, the device mode changes to "DVD or CD" automatically.
- The screen will only display files of the Content Type you selected. For example, if you select Music, you will only be able to see music files. If you open folders labelled Photos or Videos, no files will be displayed. To view other types of files, select a different Content Type.

My Contents

HOME ➡ My Contents ➡ Videos, Photos or Music

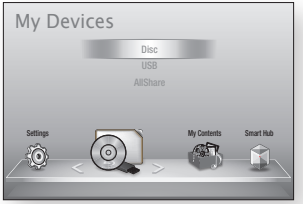
The My Contents option lists only files of the type you select. For example, if you select Music, the player will list only music files on the screen. Note that the player will display all folders. You must open the folders to display the music files.



My Devices

HOME ➡ My Devices ➡ USB, Disc or AllShare

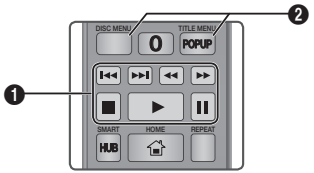
The My Devices option lists only those folders and files on the kind of device you select. For example, if you select USB, the player will list only those folders or files on an attached USB device on the screen.



Controlling Video Playback

You can control the playback of video content located on a DVD, CD or USB storage device. Depending on the disc, some of the functions described in this manual may not be available.

Buttons on the Remote Control used for Video Playback



1 Playback related buttons

The player does not play sound in Search, Slow or Step mode.

- To return to normal speed playback, press the ▶ button.

▶ button	Starts playback.
■ button	Stops playback.
❚❚ button	Pauses playback.
Fast Motion Play	During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
Slow Motion Play	In pause mode, press the ▶▶ button. Each time you press the ▶▶ button, the playback speed will change.
Step Motion Play	In pause mode, press the ❚❚ button. Each time you press the ❚❚ button, a new frame appears.
Skip Motion Play	During playback, press the ⏮ or ⏭ button. Each time you press ⏮ or ⏭ button, the disc moves to the previous or next chapter or file.

2 Using the disc menu, title menu, popup menu and title list

DISC MENU button	During playback, press this button to start the disc menu function.
TITLE MENU button	During playback, press this button to start the title menu function. • If your disc has a playlist, press the **GREEN (B)** button to go to the playlist.
POPUP MENU button	During playback, press this button to start the popup menu function.

Using the Tools Menu

During playback, press the **TOOLS** button.

Title Search Chapter Search Time Search	Select to move to a desired scene.
Repeat Mode	Select this to repeat the desired scene. - **Off** : Choose this to return to normal playback. - **Title** : Choose this to repeat a selected title. - **Chapter** : Choose this to repeat a selected chapter. - **Repeat A-B** : Choose this to set a repeat point where you want to play. I NOTE I ▸ You must set point (B) at least 5 seconds of playing time after point (A).
Picture Settings	Select this to set the picture settings. - **Dynamic** : Choose this setting to increase sharpness. - **Normal** : Choose this setting for most viewing applications. - **Movie** : This is the best setting for watching movies. - **User** : Lets you adjust the sharpness and noise reduction function respectively. I NOTE I ▸ When you use the BD wise function, this menu will not appear.
Audio	Select to set the desired audio language.
Subtitle	Select to set the desired subtitle language. - You can also operate this function by pressing the **SUBTITLE** button on the remote control.
Angle	Select to view a scene from another angle. The Angle option displays the number of angles available to view. When a Blu-ray Disc/DVD contains multiple angles of a particular scene, you can change angle.
BONUSVIEW Video BONUSVIEW Audio	Select to set the desired bonusview option.

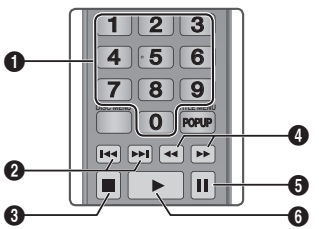
I NOTE I

▸ Depending on the disc or storage device, the Tools menu may differ.

Controlling Music Playback

You can control the playback of music content located on a DVD, USB, mobile device or PC.

Buttons on the Remote Control used for Music Playback



❶	**NUMBER** buttons : During Playlist playback, press the desired track number. The selected track is played.
❷	**Skip** : During playback, press the ⏮ or ⏭ button to move to the previous or next page of the playlist.
❸	■ button : Stops a track.
❹	**Fast Play (Audio CD (CD-DA) only)** During playback, press the ◀◀ or ▶▶ button. Each time you press the ◀◀ or ▶▶ button, the playback speed will change.
❺	**Pause** : Pauses a track.
❻	▶ button : Plays the currently selected track.

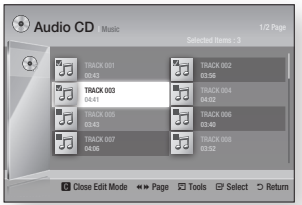
Repeat an Audio CD (CD-DA)/MP3

1. During Playlist playback, press the **TOOLS** button.
2. Press the ▲▼ buttons to select **Repeat Mode**, and then press the ◄► buttons to select the desired repeat mode.
3. Press the ↵ button.

Off	Songs are played in the order in which they were recorded.
(↻) One Song	The current song is repeated.
(↻) All	All songs are repeated.
(⤮) Shuffle Mode	The random option plays songs in random order. To operate this function, please set the shuffle mode to **On**.

Playlist

1. To move to the Music List, press the ■ or **RETURN** button.
   The Music List screen appears.
2. Press the **YELLOW (C)** button.
3. Press the ▲▼◄► buttons to move to a desired track, and then press the ↵ button. A check appears on the track. Repeat this procedure to select additional tracks.



4. To remove a track from the list, move to the track, and then press the ↵ button again.
   The check on the track is cancelled.
5. When done, press the **TOOLS** button.
6. Press the ▲▼ buttons to select Play Selected, and then press the ↵ button.
   The tracks you selected play automatically.

7. To go to the Music List, press the **RETURN** button.

| NOTE |

- You can create a playlist with up to 99 tracks on Audio CDs (CD-DA).

Playing Photo Contents

You can play photo contents located on a DVD, CD, or a USB storage device.

Using the Tools Menu

During playback, press the **TOOLS** button.

Start Slide Show	Select to start the slide show.
Slide Show Speed	Select to set a slide show's speed.
Background Music	Select to listen to music while viewing a slide show.
Background Music Setting	Select to set the background music setting.
Zoom	Select to enlarge the current picture. (Enlarged up to 4 times)
Rotate	Select to rotate the picture. (This will rotate the picture either clockwise or counter clockwise.)
Information	Shows the picture information.

| NOTE |

- Depending on the disc or storage device, the Tools menu may differ.
- To enable the background music function, the photo file must be in the same storage media as the music file.
  However, the sound quality can be affected by the bit rate of the MP3 file, the size of the photo, and the encoding method.
- You can't enlarge the subtitle and PG graphic in the full screen mode.

You can enjoy various network services such as Smart Hub or BD-LIVE by connecting the player to your network.

To use network services, you must first:

1. Connect the player to the network. (See page 13)
2. Configure the network settings. (See pages 18~19)

Using Smart Hub

Using Smart Hub, you can download movies, videos, and music from the Internet, and access various for pay or free-of-charge applications and view them on your TV. Application content includes news, sports, weather forecasts, stock market quotes, maps, photos, and games.

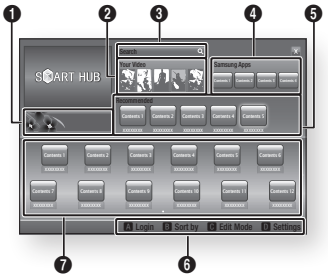
For instructions that explain how to use Smart Hub, follow these steps:

1. Go to www.samsung.com.
2. Click Support at the top of the page.
3. On the Support page, enter the model number of your player into the Model Number field, and then press the **Enter** button.
4. On the page that appears, click Get downloads on the left side under Downloads. The Download Centre appears.
5. On the Download Centre page, click the Manuals tab.
6. On the Manuals tab, click the file icon to the right of Smart Hub Users Manual. The manual downloads.

| NOTE |

- The web location of the Smart Hub manual is subject to change without notice.
- If the home page is updated or revised, the content mentioned in the user manual may differ from the actual menus.

Smart Hub at a Glance



1	**Commercial** : Displays the Smart Hub Guide, an introduction to the player, and new application introductions.
2	**Your Video** : Provides recommendations for videos based on your tastes. | NOTE | ▸ This menu may not be supported depending on the region.
3	**Search** : Provides an integrated search of your video providers and connected AllShare devices.
4	**Samsung Apps** : Open Samsung Apps to download various for pay or free-of-charge application services.
5	**Recommended** : Displays recommended contents managed by Samsung.
6	**Navigation Help** : Displays the remote control buttons you can use to navigate in Smart Hub. • **RED (A)** : To log in to Smart Hub. • **GREEN (B)** : To sort the applications. • **YELLOW (C)** : To edit the applications. • **BLUE (D)** : To change the settings of Smart Hub.
7	**My Applications** : Displays your personal gallery of applications which you can add to, modify, and delete.

BD-LIVE™

Once the player is connected to your network, you can enjoy various movie-related service contents available on BD-LIVE compliant discs.

1. Attach a USB memory stick to the USB jack on the front of the player, and then check its remaining memory. The memory device must have at least 1GB of free space to accommodate the BD-LIVE services.
2. Select **Settings** on the Home screen, and then press the ⏎ button.
3. Select **System**, and then press the ⏎ button.
4. Select **BD Data Management**, and then press the ⏎ button.
5. Select **Select Device**, and then press the ⏎ button.
6. Select **USB**, and then press the ⏎ button.
7. Insert a Blu-ray Disc that supports BD-LIVE.
8. Select an item from various BD-LIVE service contents provided by the disc manufacturer.

| NOTE |

- The way you use BD-LIVE and the provided contents may differ, depending on the disc manufacturer.

Using the AllShare Network Function

AllShare lets you play Videos, Photos, or Music located on your PC or your DLNA compatible device through the player using a wireless network connection.

To Download the AllShare Software

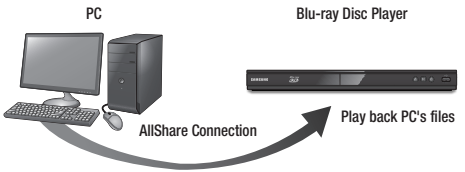
To use AllShare with your PC or DLNA device, you must install AllShare software on your PC.

You can download the PC software and get detailed instructions for using AllShare from the Samsung.com website.

1. Go to www.samsung.com.
2. Click Support at the top of the page.
3. On the Support page, enter the model number of your player into the Model Number field, and then press the ⏎ button.
4. On the page that appears, click Get downloads on the left side under Downloads. The Download Centre appears.
5. On the Download Centre page, click the Software tab.
6. On the software tab, click the File icon on the right side of the AllShare line.
7. In the pop-up that appears, click Save File.
8. Find the AllShare install file on your disk, and then double click the file.
9. In the pop-up that appears, click Run, and then follow the directions that appear on your screen.

Download the AllShare Installation/Instruction manual from the same Software Tab by clicking the corresponding PDF file symbol in the File column on the right. The file, in PDF format, will download and open. You can view and/or save the file.

Playing Content Located on Your PC or DLNA Device through the Blu-ray Disc Player



1. Connect the Blu-ray Disc Player, your PC, and/or your DLNA compatible device to the same wireless network.
2. Follow the directions in the AllShare software Installation/Instruction manual to set up devices and files for playing or viewing.
3. Select **My Devices** in the player's Home screen, and then press the ⏎ button. The AllShare screen appears.
4. Select the connected DLNA compatible device or your PC, and then press the ⏎ button. A screen listing the available files appears.
5. Select the file you want to play or view, and then press the ⏎ button.

Compliance and Compatibility Notice

NOT ALL discs are compatible

- Subject to the restrictions described below and those noted throughout this Manual, including the Disc Type and Characteristics section of this user manual, disc types that can be played are: pre-recorded commercial BD-ROM, DVD-VIDEO, and Audio CD (CD-DA); BD-RE/-R, DVD-RW/-R; and CD-RW/-R.
- Discs other than the above cannot and/or is not intended to be played by this player. And some of the above discs may not play due to one or more reasons provided below.
- Samsung cannot assure that this player will play every disc bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos, and this player may not respond to all operating commands or operate all features of every disc. These and other disc compatibility and player operation issues with new and existing format discs are possible because:
  - Blu-ray is a new and evolving format and this player may not operate all features of Blu-ray Discs because some features may be optional, additional features may have been added to the Blu-ray Disc format after the production of this player, and certain available features may be subject to delayed availability;
  - not all new and existing disc format versions are supported by this player;
  - new and existing disc formats may be revised, changed, updated, improved and/or supplemented;
  - some discs are produced in a manner that allows specific or limited operation and feature during playback;
  - some features may be optional, additional features may have been added after the production of this player or certain available features may be subject to delayed availability;
  - some discs bearing the BD-ROM, BD-RE/-R, DVD-VIDEO, DVD-RW/-R, DVD+RW/+R and CD-RW/-R logos may still be non-standardized discs;
  - some discs may not be played depending on their physical state or recording conditions;
  - problems and errors can occur during the creation of Blu-ray Disc, DVD software and/or the manufacture of discs;
  - this player operates differently than a standard DVD player or other AV equipment; and/or
  - for reasons noted throughout this user manual and for other reason(s) discovered and posted by SAMSUNG customer care centre.
- If you encounter disc compatibility or player operation problems, please contact SAMSUNG customer care centre.
  You may also contact SAMSUNG customer care centre for possible updates on this player.
- For additional information on playback restrictions and disc compatibility, refer to the Precautions, Before Reading the user manual, Disc Types and Characteristics, and Before Playing sections of this user manual.
- **For Blu-ray Disc Player progressive scan output** : CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS PRODUCT, PLEASE CONTACT OUR CUSTOMER SERVICE CENTRE.

Copy Protection

- Because AACS (Advanced Access Content System) is approved as content protection system for Blu-ray Disc format, similar to use of CSS (Content Scramble System) for DVD format, certain restrictions are imposed on playback, analogue signal output, etc., of AACS protected contents.
  The operation of this product and restrictions on this product may vary depending on your time of purchase as those restrictions may be adopted and/or changed by AACS after the production of this product. Furthermore, BD-ROM Mark and BD+ are additionally used as content protection system for Blu-ray Disc format, which imposes certain restrictions including playback restrictions for BD-ROM Mark and/or BD+ protected contents. To obtain additional information on AACS, BD-ROM Mark, BD+, or this product, please contact SAMSUNG customer care centre.
- Many Blu-ray Disc/DVDs are encoded with copy protection. Because of this, you should only connect your Player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected Blu-ray Disc/DVDs.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, Blu-ray Discs, DVDs, and other materials may subject you to civil and/or criminal liability.

- **Cinavia Notice** : This product uses Cinavia technology to limit the use of unauthorized copies of some commercially-produced film and videos and their soundtracks. When a prohibited use of an unauthorized copy is detected, a message will be displayed and playback or copying will be interrupted.
  More information about Cinavia technology is provided at the Cinavia Online Consumer Information Centre at http://www.cinavia.com. To request additional information about Cinavia by mail, send a postcard with your mailing address to: Cinavia Consumer Information Centre, P.O. Box 86851, San Diego, CA, 92138, USA.
  This product incorporates proprietary technology under licence from Verance Corporation and is protected by U.S. Patent 7,369,677 and other U.S. and worldwide patents issued and pending as well as copyright and trade secret protection for certain aspects of such technology. Cinavia is a trademark of Verance Corporation. Copyright 2004-2010 Verance Corporation. All rights reserved by Verance. Reverse engineering or disassembly is prohibited.

Network Service Disclaimer

All content and services accessible through this device belong to third parties and are protected by copyright, patent, trademark and/or other intellectual property laws. Such content and services are provided solely for your personal noncommercial use. You may not use any content or services in a manner that has not been authorized by the content owner or service provider. Without limiting the foregoing, unless expressly authorized by the applicable content owner or service provider, you may not modify, copy, republish, upload, post, transmit, translate, sell, create derivative works, exploit, or distribute in any manner or medium any content or services displayed through this device.

THIRD PARTY CONTENT AND SERVICES ARE PROVIDED "AS IS." SAMSUNG DOES NOT WARRANT CONTENT OR SERVICES SO PROVIDED, EITHER EXPRESSLY OR IMPLIEDLY, FOR ANY PURPOSE. SAMSUNG EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

SAMSUNG DOES NOT GUARANTEE THE ACCURACY, VALIDITY, TIMELINESS, LEGALITY, OR COMPLETENESS OF ANY CONTENT OR SERVICE MADE AVAILABLE THROUGH THIS DEVICE AND UNDER NO CIRCUMSTANCES, INCLUDING NEGLIGENCE, SHALL SAMSUNG BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, ATTORNEY FEES, EXPENSES, OR ANY OTHER DAMAGES ARISING OUT OF, OR IN CONNECTION WITH, ANY INFORMATION CONTAINED IN, OR AS A RESULT OF THE USE OF ANY CONTENT OR SERVICE BY YOU OR ANY THIRD PARTY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Third party services may be terminated or interrupted at any time, and Samsung makes no representation or warranty that any content or service will remain available for any period of time. Content and services are transmitted by third parties by means of networks and transmission facilities over which Samsung has no control. Without limiting the generality of this disclaimer, Samsung expressly disclaims any responsibility or liability for any interruption or suspension of any content or service made available through this device.

Samsung is neither responsible nor liable for customer service related to the content and services. Any question or request for service relating to the content or services should be made directly to the respective content and service providers.

Licence

- Dolby and the double-D symbol are registered trademarks of Dolby Laboratories.

- Manufactured under licence under U.S. Patent Nos: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS 2.0+Digital Out is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.

- DivX
  - ABOUT DIVX VIDEO: DivX® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.

- ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.
- DivX Certified® to play DivX® video up to HD 1080p, including premium content. DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.
  Covered by one or more of the following U.S. patents : 7,295,673; 7,460,668; 7,515,710; 7,519,274.

- The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

- Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

- Open Source Licence Notice
  - In the case of using open source software, Open Source Licences are available on the product menu.

- Blu-ray Disc™, Blu-ray™ and the logos are trademarks of the Blu-ray Disc Association.

Additional Information

Note

Settings	3D Settings
	• For some 3D discs, to stop a movie during 3D playback, press the ■ button once. The movie stops and the 3D mode option is de-activated. To change a 3D option selection when you are playing a 3D movie, press the ■ button once. The Blu-ray menu appears. Press the ■ button again, then select 3D Settings in the Blu-ray menu. • Depending on the content and the position of the picture on your TV screen, you may see vertical black bars on the left side, right side, or both sides.
	TV Aspect
	• Depending on the disc type, some aspect ratios may not be available. • If you select an aspect ratio and option that is different than the aspect ratio of your TV screen, the picture might appear to be distorted. • If you select the 16:9 Original, your TV may display 4:3 Pillarbox (black bars on sides of picture).
	BD Wise (Samsung Players only)
	• When BD Wise is on, the Resolution setting automatically defaults to BD Wise and BD Wise appears in the Resolution menu. • If the player is connected to a device that does not support BD Wise, you can not use the BD Wise function. • For proper operation of BD Wise, set the BD Wise option of both the player and the TV to On.

Settings	**Digital Output**
	• Be sure to select the correct Digital Output or you will hear no sound or just loud noise. • If the HDMI device (AV receiver, TV) is not compatible with compressed formats (Dolby Digital, DTS), the audio signal outputs as PCM. • Regular DVDs do not have BONUSVIEW audio and Navigation Sound Effects. • Some Blu-ray Discs do not have BONUSVIEW audio and Navigation Sound Effects. • This Digital Output setup does not affect the HDMI audio output to your TV. It affects the coaxial and HDMI audio output when your player is connected to an AV receiver. • If you play MPEG audio soundtracks, the audio signal outputs as PCM regardless of your Digital Output selections (PCM or Bitstream).
	PCM Downsampling
	• Even when PCM Downsampling is set to **Off**, some discs will only output downsampled audio through the coaxial digital outputs. • HDMI - If your TV is not compatible with compressed multi-channel formats (Dolby Digital, DTS), the player may output PCM 2ch downmixed audio even though you selected Bitstream (either Reencoded or Unprocessed) in the setup menu. - If your TV is not compatible with PCM sampling rates over 48kHz, the player may output 48kHz.
	BD-LIVE Internet Connection
	• What is a valid certificate? When the player uses BD-LIVE to send the disc data and a request to the server to certify the disc, the server uses the transmitted data to check if the disc is valid and sends the certificate back to the player. • The Internet connection may be restricted while you are using BD-LIVE contents.

Settings	**Anynet+ (HDMI-CEC)**
	• Depending on your TV, certain HDMI output resolutions may not work. Please refer to the user manual of your TV. • This function is not available if the HDMI cable does not support CEC. • If your Samsung TV has an Anynet+ logo, then it supports the Anynet+ function.
	BD Data Management
	• In the external memory mode, disc playback may be stopped if you disconnect the USB device in the middle of playback. • Only those USB devices formatted in the FAT file system (DOS 8.3 volume label) are supported. We recommend you use USB devices that support USB 2.0 protocol with 4 MB/sec or faster read/write speed. • The Resume Play function may not work after you format the storage device. • The total memory available to BD Data Management may differ, depending on conditions.
Media Play	**Selecting the Audio Language**
	• The ◄► indicator will not appear on the screen if the BONUSVIEW section does not contain any BONUSVIEW audio settings. • The languages available through the Audio Language function depend on the languages that are encoded on the disc. This function or certain languages may not be available. • Some Blu-ray Discs may allow you to select either the PCM or Dolby Digital audio soundtrack in English.

Media Play	Selecting the Subtitle Language • Depending on the Blu-ray Disc / DVD, you may be able to change the subtitle language in the Disc Menu. Press the **DISC MENU** button. • This function depends on the selection of subtitles that are encoded on the disc and may not be available on all Blu-ray Discs/DVDs. • Information about the main feature BONUSVIEW mode will also appear if the Blu-ray Disc has a BONUSVIEW section. • This function changes both the primary and secondary subtitles at the same time. • The total number of primary and secondary subtitles are displayed respectively. • If you press the **SUBTITLE** button on the remote control, the subtitle bar appears. Press the **RETURN** button to remove the subtitle bar.

Resolution according to the contents type

Setup \ Contents Type	Blu-ray Disc	E-contents/ Digital contents	DVD
BD Wise	Resolution of Blu-ray Disc	1080@60F	480i
Auto	Max. Resolution of TV input	Max. Resolution of TV input	Max. Resolution of TV input
1080p@60F (Movie Frame : Off)	1080@60F	1080@60F	1080@60F
Movie Frame : Auto (24Fs)	1080@24F	1080@24F	-
1080i	1080i	1080i	1080i
720p	720p	720p	720p
480p	480p	480p	480p

| NOTE |

- If the TV you connected to the player does not support Movie Frame or the resolution you selected, the message "*If no pictures are shown after selecting Yes, please wait for 15 seconds before returning to the previous resolution. Do you want to change the resolution?*" appears. If you select **Yes**, the TV's screen will go blank for 15 seconds, and then the resolution will revert to the previous resolution automatically.
- If the screen stays blank after you have changed the resolution, remove all discs, and then press and hold the ▶II button on the front of the player for more than 5 seconds. All settings are restored to the factory default. Run the Initial Settings procedure again. Then, go to Settings > Display > Resolution in the Menu, and select the correct resolution for your TV.
- When you run the Initial Settings procedure, re-select the language and aspect ratio (screen size and format) only. Resetting does not affect your network settings, so you should be able to skip Network Setup and Software Upgrade.
- When the factory default settings are restored, all stored user BD data will be deleted.
- The Blu-ray Disc must have the 24 frame feature for the player to use the Movie Frame (24Fs) mode.

Digital Output Selection

Setup		PCM		Bitstream (Unprocessed)		Bitstream (Re-encoded DTS)	Bitstream (Re-encoded Dolby D)
Connection		HDMI Receiver	Coaxial	HDMI Receiver	Coaxial	HDMI Receiver or Coaxial	HDMI supported AV receiver or Coaxial
Audio Stream on Blu-ray Disc	PCM	Up to 7.1ch	PCM 2ch	PCM	PCM 2ch	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby Digital Plus	PCM 2ch	PCM 2ch	Dolby Digital Plus	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	Dolby TrueHD	PCM 2ch	PCM 2ch	Dolby TrueHD	Dolby Digital	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD High Resolution Audio	PCM 2ch	PCM 2ch	DTS-HD High Resolution Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
	DTS-HD Master Audio	PCM 2ch	PCM 2ch	DTS-HD Master Audio	DTS	Re-encoded DTS	Re-encoded Dolby Digital *
Audio Stream on DVD	PCM	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch	PCM 2ch
	Dolby Digital	PCM 2ch	PCM 2ch	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2ch	PCM 2ch	DTS	DTS	DTS	DTS

Definition for Blu-ray Disc	Any	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects.	Outputs only main feature audio stream so that your AV receiver can decode the audio bitstream. You will not hear BONUSVIEW audio and Navigation Sound Effects.	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into DTS bitstream	Decodes main feature audio and BONUSVIEW audio stream together into PCM audio and add Navigation Sound Effects, then re-encodes the PCM audio into Dolby Digital bitstream

* If Source Stream is 2ch, "Re-encoded Dolby D" Settings are not applied.

Blu-ray Discs may include three audio streams :

- Main Feature Audio : The audio soundtrack of the main feature.
- BONUSVIEW audio : An additional soundtrack such as the director or actor's commentary.
- Navigation Sound Effects : When you choose some menu navigation, Navigation Sound Effects may sound. Navigation Sound Effects are different on each Blu-ray Disc.

Troubleshooting

Before requesting service, please try the following solutions.

PROBLEM	SOLUTION
No operation can be performed with the remote control.	• Check the batteries in the remote control. They may need replacing. • Operate the remote control at a distance of no more than 6.1m from the player. • Remove the batteries and hold down one or more buttons for several minutes to drain the microprocessor inside the remote control to reset it. Reinstall the batteries and try to operate the remote control again.
The disc does not play.	• Ensure that the disc is installed with the label side facing up. • Check the region number of the Blu-ray Disc/DVD.
The disc Menu does not appear.	• Ensure that the disc has disc menus.
The prohibition message appears on the screen.	• This message appears when an invalid button is pressed. • The Blu-ray Disc/DVD's software doesn't support the feature (e.g., angles). • You've requested a title or chapter number or search time that is out of range.
Play mode differs from the Setup Menu selection.	• Some of the functions selected in the Setup Menu may not work properly if the disc is not encoded with the corresponding function.
The screen ratio cannot be changed.	• The Screen Ratio is fixed on your Blu-ray Disc/DVD. • This is not a problem with the player.
No audio.	• Make sure you have selected the correct Digital Output in the Audio Options Menu.
The screen is blank.	• If the HDMI output is set to a resolution your TV cannot support (for example, 1080p), you may not see a picture on your TV. • Press the ▶II button (on front panel) for more than 5 seconds with no disc inside. All settings will revert to the factory settings. • When the factory default settings are restored, all stored user BD data will be deleted.
Forgot PIN	• Press the ▶II button (on front panel) for more than 5 seconds with no disc inside. All settings including the password will revert to the factory settings. Don't use this unless absolutely necessary. • When the factory default settings are restored, all stored user BD data will be deleted.
If you experience other problems.	• Go to the contents and find the section of the user manual that contains the explanations regarding the current problem, and follow the procedure once again. • If the problem still cannot be solved, please contact your nearest Samsung authorized service centre.
The picture is noisy or distorted	• Make sure that the disc is not dirty or scratched. • Clean the disc.
No HDMI output.	• Check the connection between the TV and the HDMI jack of the player. • Check if your TV supports 480p, 720p, 1080i or 1080p HDMI input resolution.
Abnormal HDMI output screen.	• If random noise appears on the screen, it means that TV does not support HDCP (High-bandwidth Digital Content Protection).

PROBLEM	SOLUTION
AllShare function	
I can see folders shared through AllShare, but I cannot see the files.	• AllShare only shows Video, Photo, and Music files. Other types of files are not displayed.
The video plays intermittently.	• Check if the network is stable. • Check if the network cable is properly connected and if the network is not overloaded. • The wireless connection between the DLNA compatible device and the player is unstable. Check the connection.
The AllShare connection between the player and the PC is unstable.	• IP addresses within the same subnetwork should be unique. If they are not, IP interference can cause this phenomenon. • Check if you have a firewall enabled. If so, disable the firewall function.
BD-LIVE	
I cannot connect to the BD-LIVE server.	• Test whether the network connection is successful using the Network Status function. (See page 16) • Check whether a USB memory device is connected to the player. • The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. (See page 16) • See if the BD-LIVE Internet Connection option is set to Allow(All). • If all above fails, contact the contents provider or update the player to the latest firmware.
When using the BD-LIVE service, an error occurs.	• The memory device must have at least 1GB of free space to accommodate the BD-LIVE service. You can check the available size in BD Data Management. (See page 16)

| NOTE |

▸ When the factory default settings are restored, all stored user BD data will be deleted.

Repairs

If you contact us to repair your player, an administration fee may be charged if either:

1. An engineer is called out to your home at your request and there is no defect in the product.
2. You bring the unit to a repair centre and there is no defect in the product.

We will provide you with the amount of the administration fee before we make a home visit or begin any work on your player.
We recommend you read this manually thoroughly, search for a solution on line at www.samsung.com, or contact Samsung Customer Care before seeking to repair your player.

Specifications

General	Weight	1.08 Kg
	Dimensions	360 (W) X 193 (D) X 37 (H) mm
	Operating Temperature Range	+5°C to +35°C
	Operating Humidity Range	10 % to 75 %
USB	Type A	USB 2.0
	DC output	5V 500mA Max.
HDMI	Video	2D : 1080p, 1080i, 720p, 480p 3D : 1080p, 720p
	Audio	PCM, Bitstream
Audio Output	Digital Audio Output	Coaxial
Network	Ethernet	100BASE - TX Terminal
	Wireless LAN	Supports when the player is connected with the Samsung Wireless LAN Adapter. (Model Name : WIS12ABGNX)
	Security	WEP (OPEN/SHARED) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
	WPS(PBC)	Supported

- Network speeds equal to or below 10Mbps are not supported.
- Design and specifications are subject to change without prior notice.
- For the power supply and power consumption, refer to the label attached to the player.
- Weight and dimensions are approximate.

Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Area	Contact Centre ☎	Web Site
▪ Asia Pacific		
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
CHINA	400-810-5858	www.samsung.com
HONG KONG	(852) 3698 4698	www.samsung.com/hk www.samsung.com/hk_en/
INDIA	1800 1100 11 3030 8282 1800 3000 8282 1800 266 8282	www.samsung.com
INDONESIA	0800-112-8888 021-5699-7777	www.samsung.com
MALAYSIA	1800-88-9999	www.samsung.com
PHILIPPINES	1-800-10-SAMSUNG(726-7864) for PLDT 1-800-3-SAMSUNG(726-7864) for Digitel 1-800-8-SAMSUNG(726-7864) for Globe 02-5805777	www.samsung.com
SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com
THAILAND	1800-29-3232 02-689-3232	www.samsung.com
TAIWAN	0800-329-999 0266-026-066	www.samsung.com
VIETNAM	1 800 588 889	www.samsung.com

Area	Contact Centre ☎	Web Site
▪ Middle East		
U.A.E	800-SAMSUNG (726-7864)	www.samsung.com
OMAN	800-SAMSUNG (726-7864)	www.samsung.com
KUWAIT	183-2255	www.samsung.com
BAHRAIN	8000-4726	www.samsung.com
Egypt	08000-726786	www.samsung.com
JORDAN	800-22273	www.samsung.com
IRAN	021-8255	www.samsung.com
Morocco	080 100 2255	www.samsung.com
Saudi Arabia	9200-21230	www.samsung.com
▪ Africa		
NIGERIA	0800-726-7864	www.samsung.com
Ghana	0800-10077 0302-200077	www.samsung.com
Cote D' Ivoire	8000 0077	www.samsung.com
Senegal	800-00-0077	www.samsung.com
Cameroon	7095- 0077	www.samsung.com
KENYA	0800 724 000	www.samsung.com
UGANDA	0800 300 300	www.samsung.com
TANZANIA	0685 88 99 00	www.samsung.com
SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com

ENERGY STAR

SAMSUNG

BD-E5500

Blu-ray™ 光碟播放機

使用者手冊

憧憬無數可能

感謝您購買 Samsung 產品。
要獲得更為全面的服務，請在
網站註冊產品
www.samsung.com/register

繁體中文

安全資訊

警告

為減少觸電的危險，請勿卸下機蓋 (或後蓋)。
本裝置內部沒有使用者可自行維修的零件。 請讓合格的維修人員進行維修。

三角形內的閃電和箭頭是警告符號，提醒您產品內部具有危險電壓。	**注意**: 為減少觸電的危險，請勿卸下機蓋(或後蓋)本裝置內部沒有使用者可自行維修的零件。 請讓合格的維修人員進行維修。	三角形內的驚嘆號是警告符號，提醒您注意產品隨附的重要說明。

請勿將本播放機安放在書櫥或類似裝置等狹窄封閉處。

警告

為避免可能會導致火災或觸電危險的損壞，請勿將本機放置在雨淋或潮濕的環境中。

注意

Blu-ray 光碟播放機使用看不見的镭射光線，如果受到其直射，可能會導致危險的輻射曝露。 請務必按照說明正確地操作 Blu-ray 光碟播放機。

注意

本產品使用镭射。 使用本手冊中沒有描述的控制、 調整、執行或步驟可能會導致危險輻射的曝露。請勿打開機蓋和自行維修。請向合格的維修人員 尋求維修幫助。

如果使用有護套的線纜和接頭將本產品連接至其他裝置，則本產品符合 CE 法規。為了防止收音 機和電視等電子裝置的電磁干擾，請使用有護套的線纜和接頭進行連接。

重要說明

此裝置上的電源插頭是含有保險絲的模製插頭。保險絲的值在插頭的插腳面標出。

如果保險絲需要更換，可以使用獲得 BS1362 認可的相同額定值保險絲。

如果保險絲護蓋可拆除，切勿在拆下護蓋的情況下使用插頭。 如果需要更換保險絲護蓋，換用品顏色必須與插頭插腳面的顏色相同。 更換護蓋可向代理商購買。

如果隨附的插頭不適合您家中的電源插座，或者如果線纜不夠長，無法插入到電源插座中，則您應該取得獲得安全認可的合適延長線，或者諮詢代理商以獲得幫助。

不過，如果除了剪斷插頭之外別無它法，請先取出保險絲，再安全地處置插頭。 切勿將插頭連接到電源插孔，因為裸露的彈性線會帶來觸電的危險。

要斷開裝置與電源插座的連接，必須從電源插座中拔出插頭，因此，插頭應方便操作。

隨附本使用手冊的產品裝置獲得特定協力廠商的特定智慧財產權授權。

第 1 類镭射產品

本光碟播放機屬第 1 類镭射產品。控制、調整或 執行本手冊中未指定的程序可能會導致危險輻射的曝露。

注意：

- 開啟時會產生 3B 類可見及不可見的镭射輻射。請避免受光束照射 (IEC 60825-1)
- 本產品使用镭射。 控制、調整或執行本手冊中未指定的程序可能會導致危險輻射的曝露。 請勿打開機蓋和自行維修。 請讓合格的人員進行維修。

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LUOKAN 1	LASER LAITE
KLASS 1	LASER APPARAT
PRODUCTO	LÁSER CLASE 1

預防措施

重要安全說明

在使用裝置之前，請仔細閱讀操作說明。請依照下面列出的所有安全說明操作。
請妥善保管這些操作說明，以供以後參考。

1. 閱讀這些說明。
2. 遵守這些說明。
3. 注意所有警告資訊。
4. 按照所有說明進行操作。
5. 切勿在靠近水的地方使用本裝置。
6. 乾布進行清潔。
7. 切勿擋住任何通風口。應按照製造商說明進行安裝。
8. 不要安裝在散熱器、加熱器、爐子或散熱的其他裝置（包括 AV 接收器）等熱源附近。
9. 切勿輕視極化插頭或接地式插頭的安全用途。極化插頭帶有寬窄兩個插腳。接地式插頭帶有兩個插腳和第三個接地針腳。寬插腳和第三個針腳均用於安全用途。當提供的插頭不能插入您的電源插座時，請找電氣技師換一個新的插座。
10. 電源線不可踩踏或擠壓，特別是在插頭、連接插座及裝置的出口位置。
11. 僅使用製造商指定的連接件/配件。
12. 只能放在製造商指定的手推車、座台、三角架、支架或桌子上，或者帶裝置一起出售。如果使用手推車，移動手推車/裝置組合時要格外小心，避免翻倒損壞。

13. 在雷暴期間或長期不使用時，請拔下此裝置。
14. 請向合格的維修人員尋求所有維修幫助。 當裝置遭到任何方式的損壞時需要進行維修，如電源線或插頭損壞、灑水或異物跌入裝置、裝置被雨淋或受潮、裝置不能正常工作或裝置被摔到地上。

光碟儲藏和管理

- 取光碟
  - 光碟上的指紋或劃痕會降低音質和畫質，或者導致跳躍。

  - 應避免觸摸已錄製資料的光碟表面。
  - 拿光碟時要拿光碟的邊，以防指紋落在表面上。
  - 請勿在光碟上粘貼紙片或帶子。
- 清潔光碟
  - 如果光碟印上指紋或蒙上灰塵，請用已稀釋的溫和洗滌劑清洗，然後用柔軟的布料擦。

  - 清潔時，應從光碟的內部向外部輕柔地擦。
- 光碟儲藏
  - 請勿放在陽光直射處。
  - 請放在陰涼通風處。
  - 請放在乾淨的保護套內且垂直存放。

處理注意事項

- 本裝置不可遭受水滴或濺到水。 不要在裝置上放置任何盛滿水的物體（例如花瓶）。
- 若要徹底關閉本裝置，必須將電源插頭從牆上插座中拔出。 因此，電源插頭應一直保持方便拔插。
- 不要將多個電子裝置插入到同一個牆上插座中。 插座過載會導致它過熱，從而引發火災。
- 外殼維護。
  - 在將其他元件連接到此播放機前，請確保將它們關閉。
  - 如果您突然將播放機從很冷的地方搬到很暖和的地方，則可能會在操作部件和鏡頭上產生冷凝，從而導致光碟播放異常。如果發生這種情況，請拔下播放機的電源插頭，等待兩個小時，然後再將插頭連接至電源插座。然後再次插入光碟並嘗試播放。
- 如果產品發出異常噪音、燒焦味或冒煙，請立即關閉電源開關並從牆上插座拔下電源插頭。 然後，請就近與客戶中心聯絡，以取得技術協助。 不要使用產品。 繼續使用產品，對這些現象置之不理，則可能會導致火災或觸電。

安全資訊

使用 3D 功能

3D 畫面的重要健康及安全資訊。
在使用 3D 功能之前，請閱讀並瞭解下列安全資訊。

- 在觀看 3D 電視時，一些觀看者可能會覺得不舒服，例如頭暈、噁心和頭痛。
  如果您有任何此類症狀，請停止觀看 3D 電視，取下 3D 主動式眼鏡並休息。
- 長時間觀看 3D 影像會引起眼睛疲勞。如果您覺得眼睛疲勞，請停止觀看 3D 電視，取下 3D 主動式眼鏡並休息。
- 負責任的成年人應該檢查使用 3D 功能的兒童。
  如果兒童報告眼睛疲勞、頭痛、頭暈或噁心，請讓兒童停止觀看 3D 電視並休息。
- 不要將 3D 主動式眼鏡用於其他用途（例如普通眼鏡、太陽鏡、護目鏡等）
- 走路或走來走去時，不要使用 3D 功能或 3D 主動式眼鏡。如果在走來走去時使用 3D 功能或 3D 主動式眼鏡，則可能會導致您撞上物件、絆倒或摔倒，從而導致嚴重的人身傷害。
- 如果要欣賞 3D 內容，請使用高速 HDMI 纜線將 3D 裝置（3D 相容 AV 接收器或電視）連接到播放機的 HDMI OUT 埠。先戴上 3D 眼鏡再播放 3D 內容。
- 播放機只能透過連接至 HDMI OUT 埠的 HDMI 電纜來輸出 3D 訊號。
- 因為在 3D 播放模式中，視訊解像度是根據原始 3D 視訊固定的，所以無法將解像度變更為您偏好的解像度。
- 在 3D 播放模式中，一些功能（例如 BD Wise、設定螢幕尺寸或解像度）可能無法操作。
- 必須使用高速 HDMI 電纜才能正確輸出 3D 訊號。
- 觀看 3D 影像時，請在距離電視 3 倍於螢幕寬度的地方觀看。 例如，如果您擁有 46 英吋螢幕，請在離螢幕 138 英吋（11.5 英呎）處觀看。
- 請將 3D 視訊螢幕放在與眼睛同高的位置，以取得最佳的 3D 畫面。
- 如果將播放機連接到一些 3D 裝置，3D 效果可能無法正常起作用。
- 本播放機不會 2D 內容轉換為 3D。
- "Blu-ray 3D" 和 "Blu-ray 3D" 標誌是 Blu-ray Disc Association 的商標。

版權

© 2012 Samsung Electronics Co.,Ltd.
版權所有；如果事先沒有得到 Samsung Electronics Co.,Ltd. 的書面許可，不得翻印或複製本使用手冊的一部分或全部。

內容

安全資訊

2 **警告**
3 **預防措施**
3 重要安全說明
3 **光碟儲藏和管理**
3 **處理注意事項**
4 **使用 3D 功能**
4 **版權**

入門指南

6 **光碟與格式相容性**
6 本播放機可以播放的光碟類型和內容
6 本播放機無法播放的光碟類型
7 區域代碼
7 **本播放機可以播放的光碟標誌**
8 支援的格式
9 **配件**
10 **前面板**
10 **後面板**
11 **遙控器**
11 遙控器功能描述

連接

12 **連接到電視**
12 **連接到音訊系統**
12 **方法 1** 連接到支援 HDMI 的 AV 接收器
12 **方法 2** 連接到具有 Dolby Digital 或 DTS 解碼器的 AV 接收器
13 **連接到網路路由器**
13 有線網路
13 無線網路

設定

14 **初始設定程序**
14 **主畫面**
14 **存取設定畫面**
14 遙控器上用於設定功能表的按鈕
15 **設定功能表功能**
18 **網路和網際網路**
18 配置網路連線
20 **軟體升級**
20 通過互聯網
20 從USB下載
20 透過光碟
21 透過下載
21 待機模式時下載

媒體播放

22 **插入光碟**
22 **插入 USB 裝置**
22 我的內容
22 我的裝置
23 **控制視訊播放**
23 遙控器上用於播放視訊的按鈕
23 使用工具功能表
24 **控制音樂播放**
24 遙控器上用於播放音樂的按鈕
24 重複音訊 CD (CD-DA)/MP3
24 播放清單
24 **播放相片內容**
24 使用工具功能表

網路服務

25 **使用 Smart Hub**
25 Smart Hub 總覽
25 **BD-LIVE™**
26 **使用 AllShare 網路功能**
26 若要下載 AllShare 軟體
26 透過 Blu-ray 光碟播放機播放位於電腦或 DLNA 裝置上的內容

附錄

27 **符合性和相容性聲明**
27 **複製保護**
28 **網路服務免責聲明**
28 **授權**
29 **其他資訊**
29 附註
31 根據內容類型的解像度
32 數位輸出選取
33 **故障排除**
34 維修
35 **規格**

光碟與格式相容性

本播放機可以播放的光碟類型和內容

媒體	光碟類型	詳細資料
視訊	Blu-ray 光碟 3D Blu-ray 光碟	以 BD-RE 格式錄製的 BD-ROM 或 BD-RE/-R。
	DVD-VIDEO DVD-RW DVD-R DVD+RW DVD+R	DVD-VIDEO、已錄製然後最終化的已錄製 DVD+RW/DVD-RW(V)/DVD-R/+R，或者包含 DivX、MKV、MP4 內容的 USB 儲存媒體。
音樂	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 儲存媒體上錄製的包含 MP3 或 WMA 內容的音樂。
相片	CD-RW/-R、 DVD-RW/-R、 BD-RE/-R	在 CD-RW/-R、DVD-RW/-R、BD-RE/-R 或 USB 儲存媒體上錄製的包含 JPEG 內容的音樂。

I 附註 I

- 由於光碟類型或錄製條件的原因，本播放機可能不能播放某些 CD-RW/-R 和 DVD-R 光碟。
- 如果 DVD-RW/-R 未以 DVD 視訊格式正確錄製，它將不可播放。
- 本播放機不能播放 DVD-R 上以超過 10 Mbps 的位元速率錄製的內容。
- 本播放機不能播放 BD-R 或 USB 裝置上以超過 25 Mbps 的位元速率錄製的內容。
- 一些類型的光碟片可能無法播放，或者在使用特定功能時（例如執行角度變更和縱橫比調整時）無法播放。關於光碟的資訊已在光碟盒上詳細寫明。請在需要時參閱此資訊。
- 播放 BD-J 標題時，與普通標題相比，加載時間可能稍長一些，可能某些功能執行起來很慢。

本播放機無法播放的光碟類型

- HD DVD
- DVD-ROM/PD/MV 光碟等
- DVD-RAM
- 超級音訊 CD（CD 層除外）
- DVD-RW（VR 模式）
- CVD/CD-ROM/CDV/CD-G/CD-I/LD（CD-G 只能播放音訊，不能播放視訊。）
- 用於編寫的 3.9 GB DVD-R。

I 附註 I

- 本產品可能無法回應所有操作指令，因為一些 Blu-ray 光碟、DVD 和 CD 在播放期間只允許特定或有限的操作和功能。
  請注意，這不是播放機的缺陷。
- Samsung 不能保證本播放機可以播放帶有 Blu-ray、DVD 或 CD 標誌的每張光碟，因為光碟格式不斷發展，而且在建立 Blu-ray 光碟、DVD、CD 軟體或生產光碟時可能會出現問題和發生錯誤。
- 如果您在本播放機中播放 Blu-ray 光碟、DVD 或 CD 光碟時遇到問題，請與 SAMSUNG 客戶服務中心聯絡。此外，請參閱本使用者手冊的餘下部分以取得有關播放限制的其他資訊。
- 在您所在地區外面購買的一些商業光碟和 DVD 光碟可能不能在本播放機上播放。

區域代碼

播放機和光碟都按照地區進行編碼。
這些區域代碼必須相匹配才能播放光碟。 如果這些區域代碼不匹配，則不能播放光碟。
本播放機的區域代碼在播放機的後面板上顯示。

光碟類型	區域代碼	地區
Blu-ray 光碟	A	北美洲、中美洲、南美洲、韓國、日本、台灣、香港和東南亞。
	B	歐洲、格陵蘭、法國各地區、中東、非洲、澳大利亞和紐西蘭。
	C	印度、中國、俄羅斯、中亞和南亞。
DVD-VIDEO	1	美國、美國領土和加拿大
	2	歐洲、日本、中東、埃及、南非、格陵蘭
	3	台灣、韓國、菲律賓、印尼、香港
	4	墨西哥、南美洲、中美洲、澳大利亞、新西蘭、太平洋群島、加勒比
	5	俄羅斯、東歐、印度、非洲大部分地區、朝鮮、蒙古
	6	中國

本播放機可以播放的光碟標誌

Blu-ray 光碟	3D Blu-ray 光碟	BD-LIVE
DivX	NTSC	
	美國、加拿大、韓國、日本的 NTSC 廣播系統	

支援的格式

視訊檔案支援

副檔名	容器	視訊轉碼器	解像度	幀速率 (fps)	位元速率 (Mbps)	音訊轉碼器
*.avi *.mkv *.asf *.wmv *.mp4 *.3gp *.vro *.mpg *.mpeg *.ts *.tp *.trp	AVI MKV ASF MP4 3GP VRO VOB PS TS	DivX 3.11/ 4.x/5.x/6.1	1920x1080	6~30	20	Dolby Digital LPCM AAC HE-AAC WMA MP3 DTS
		MPEG4 SP/ ASP				
		H.264 BP/ MP/HP			25	
		Window Media Video v9	1920x1080		25	
		MPEG2		24/25/30		
		MPEG1	352x288	24/25/3	20	

■ 限制

- 即使檔案由上方列出的受支援轉碼器來編碼，如果其內容不完整或損毀的話，也可能無法播放。
- 如果檔案的容器資訊錯誤或檔案本身損毀，則不能保證可以正常播放。
- 位元速率/幀速率高於標準的檔案在進行播放時可能會斷斷續續。
- 如果檔案的索引表格損壞，搜尋（跳過）功能便無法使用。
- 透過網路連線遠端播放檔案時，視訊播放可能會斷斷續續，具體視網路速度而定。
- 某些 USB/數位相機裝置可能與本播放機不相容。

■ 視訊解碼器

- 最高支援 H.264 Level 4.1
- 不支援 GMC 2 或更高版本

■ 音訊解碼器

- 支援 WMA 7、8、9 和 STD
- 如果聲道數超過 2，則不支援 WMA 9 PRO 多聲道或無損音訊。
- 不支援 22050Hz 單聲道的 WMA 取樣率

■ 註解

- MPEG4： 最高支援 GMC 1-Warping Point。
- H.264： 最高支援 BP/MP/HP Level 4.1。
- WMV： 支援 V9、VC1 SP/MP/AP L3。
- MPEG1： 不支援 D-picture。
- MPEG2： 最高支援 Hight Profile High Level。

❑ **受支援的 DivX 字幕檔案格式**

.ttxt、.smi、*.srt、*.sub、*.txt

| 附註 |

▸ 一些 DivX、MKV 和 MP4 格式的光碟可能不能播放，具體視視訊解像度和幀速率而定。

音樂檔案支援

副檔名	容器	音訊轉碼器	支援範圍
*.mp3	MP3	MP3	-
*.wma	WMA	WMA	* 取樣率 (kHz) - 8、11、16、22、32、44.1 和 48 * 位元速率 - 在 5kbps 到 384kbps 範圍內的所有位元速率。

USB 連線注意事項

- 本播放機支援 USB 儲存媒體、MP3 播放器、數位相機、USB 讀卡器。
- 某些 USB/數位相機裝置可能與本播放機不相容。
- 本播放機支援 FAT16、FAT32 和 NTFS 檔案系統。
- 將 USB 裝置直接連接到播放機的 USB 埠。透過 USB 電纜線連接可能會導致相容性問題。
- 如果將多個記憶體裝置插入多卡讀卡器中，則可能會導致讀卡器無法正常操作。
- 本播放機不支援 PTP 通訊協定。
- 在「載入」過程中不要斷開 USB 裝置連接。
- 影像解像度越高，顯示影像所需的時間越長。
- 本播放機不能播放從商業網站下載的帶有 DRM (Digital Rights Management) 的 MP3 檔案。
- 本播放機僅支援 30fps（幀速率）的視訊。
- 本播放機僅支援 USB 大量儲存裝置類別 (MSC) 裝置，例如隨身碟和 USB HDD。（不支援 HUB。）
- 某些 USB HDD 裝置、多卡讀卡器及隨身碟可能與本播放機不相容。
- 如果某 USB 裝置需要過多功率，則它可能會受到電路安全裝置的限制。
- 如果從 USB HDD 播放不穩定，請透過將 HDD 插入到牆上插座來提供額外的電源。如果問題仍然存在，請與 USB HDD 製造廠商聯絡。
- 必須使用「**安全地卸載USB**」功能移除 USB 儲存裝置，以防可能損壞 USB 記憶體。按 **HOME** 按鈕移至主螢幕，按**黃色 (C)** 按鈕，然後按 ⏎ 按鈕。
- 對於任何資料檔案損壞或資料遺失，SAMSUNG 不承擔任何責任。
- 本播放機不支援 NTSF 壓縮檔案、備用檔案或加密的檔案。
  - 可以在桌上型電腦上修復或格式化 USB 裝置。（僅限 MS-Windows 作業系統）

AVCHD（先進視訊轉碼器高解像度）

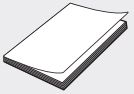
- 本播放機可以播放 AVCHD 格式的光碟。這些光碟一般在攝錄放影機中錄製和使用。
- AVCHD 格式是高解像度數位視訊相機格式。
- MPEG-4 AVC/H.264 格式以高於常見影像壓縮格式效率高的效率壓縮影像。
- 部分 AVCHD 光碟片使用 "x.v.Color" 格式。 本播放機可以播放使用 "x.v.Color" 格式的 AVCHD 光碟。
- "x.v.Color" 是 Sony Corporation 的商標。
- "AVCHD" 和 AVCHD 標誌是 Matsushita Electronic Industrial Co., Ltd. 和 Sony Corporation 的商標。

| 附註 |

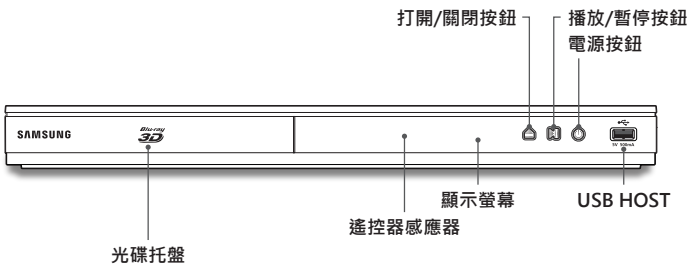
- 一些 AVCHD 格式光碟可能不能播放，具體視錄製條件而定。AVCHD 格式的光碟需要最終化。
- "x.v.Color" 提供的色彩範圍比一般 DVD 攝錄放影機光碟片的色彩範圍廣。

配件

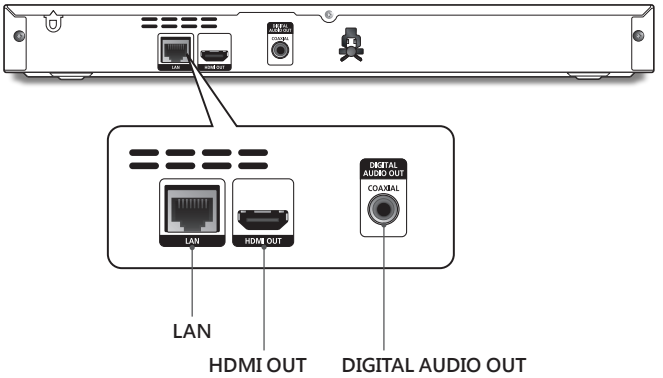
請檢查下列隨附的配件。

用於遙控器的電池（AAA 號）	HDMI 電纜
	
使用手冊	遙控器

前面板



後面板

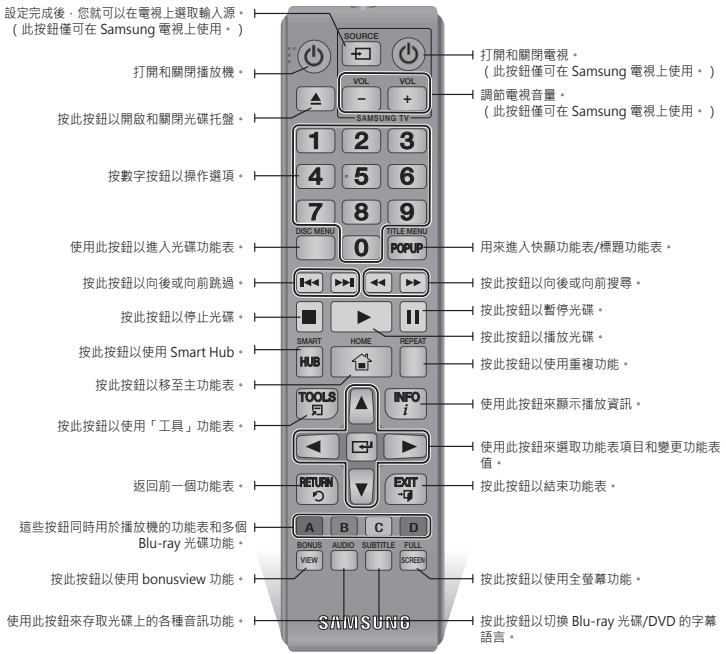


| 附註 |

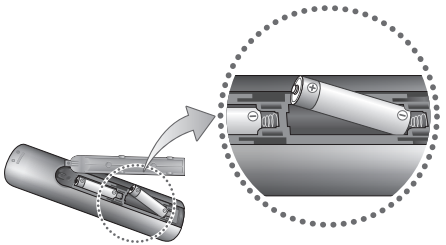
- 若要透過 USB Host 插孔升級播放機的軟體，必須使用 USB 記憶棒。
- 播放機顯示 Blu-ray 光碟功能表時，不能透過按播放機或遙控器上的「播放」按鈕來開始播放影片。要播放影片，必須在光碟功能表中選取「播放影片」或「開始」，然後按 按鈕。

遙控器

遙控器功能描述



安裝電池



| 附註 |

- 如果遙控器不能正常工作：
  - 請檢查電池的極性 +/– 是否安裝正確。
  - 請檢查電池是否耗盡。
  - 請檢查遙控器感應器是否被異物阻擋。
  - 請檢查產品附近是否有熒光干擾。

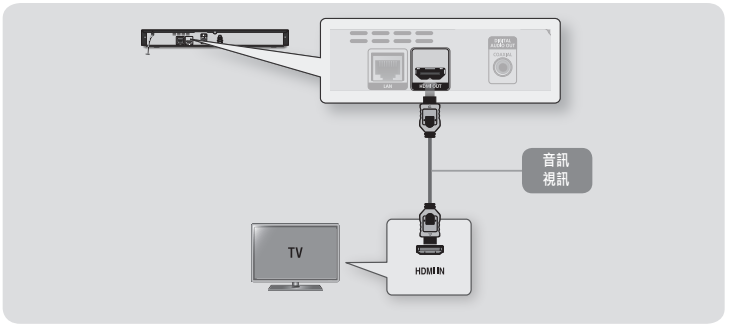
| 注意 |

- 請按照當地的環境法規處理電池。不要將它們與家庭垃圾放在一起。

連接

連接到電視

將 HDMI 電纜從產品背面的 HDMI OUT 插孔連接到電視的 HDMI IN 插孔。
- 在連接好所有接線之前，不要將電源線連接至牆上插座。
- 當您變更連線時，請先關閉所有裝置再開始。



| 附註 |

- 如果使用 HDMI 至 DVI 電纜來連接到顯示裝置，則您還必須將播放機上的 Digital Audio Out 連接至音訊系統才能聽到音訊。
- HDMI 電纜輸出數位視訊和音訊，因此不需要連接音訊電纜。
- 視您的電視而定，某些 HDMI 輸出解像度可能不起作用。請參閱電視的使用手冊。
- 當使用 HDMI 電纜將播放機連接至電視或新電視，然後第一次開啟電視時，播放機會自動將 HDMI 輸出解像度設定為電視支援的最高解像度。
- HDMI 電纜線很長可能會導致螢幕雜訊。如果出現這種情況，請將「HDMI 深色」設定為「關閉」。
- 若要以 HDMI 720p、1080i 或 1080p 輸出模式觀看視訊，則必須使用高速（類別 2）HDMI 電纜。
- HDMI 僅將純數位訊號輸出到電視。
  如果電視不支援 HDCP（高頻寬數位內容保護），畫面上將出現雪花噪訊。

連接到音訊系統

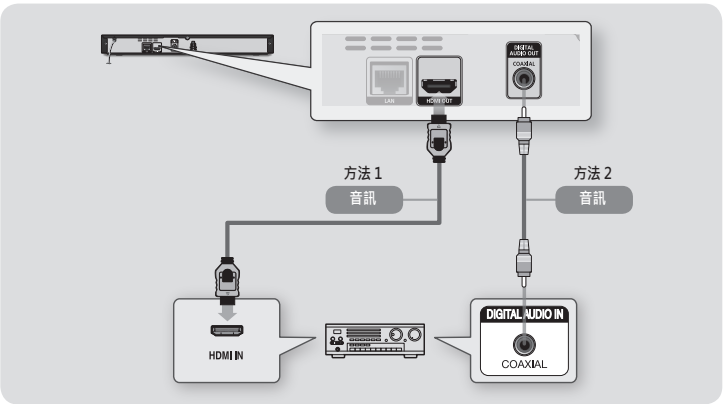
您可以使用下面說明的其中一種方法，將 Blu-ray 播放機連接到音訊系統。
- 在連接好所有接線之前，不要將電源線連接至牆上插座。
- 當您變更連線時，請先關閉所有裝置再開始。

方法 1 連接到支援 HDMI 的 AV 接收器

- 將 HDMI 電纜從產品背面的 HDMI OUT 插孔連接到接收器的 HDMI IN 插孔。
- 最佳品質（建議）

方法 2 連接到具有 Dolby Digital 或 DTS 解碼器的 AV 接收器

- 使用同軸電纜（未包括），將產品上的「同軸數位音訊輸出」插孔連接到接收器的「數位同軸輸入」插孔。
- 一般品質
- 當「數位輸出」設為 PCM 時，僅可從前面揚聲器聽到聲音。



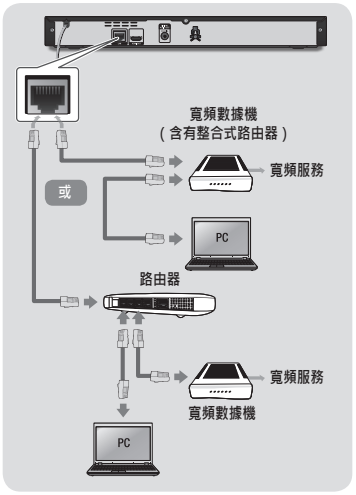
連接到網路路由器

您可以使用下面說明的其中一種方法，將本播放機連接到網路路由器。

若要使用 AllShare 網路功能，必須按圖中所示將電腦連接到網路。

可以採用有線或無線連接。

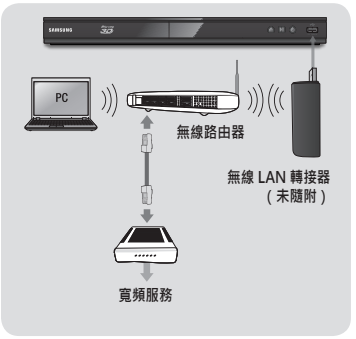
有線網路



| 附註 |

- 可能不允許對 Samsung 的軟體更新伺服器進行網際網路，具體視您使用的路由器或 ISP 的政策而定。如需詳細資訊，請與 ISP (網際網路服務提供者) 聯絡。
- 對於 DSL 使用者，請使用路由器建立網路連線。

無線網路



| 附註 |

- **僅將 Samsung 無線 LAN 轉接器與本播放機搭配使用。（型號名稱：WIS12ABGNX）。切勿將本轉接器與任何其他協力廠商播放機搭配使用。**
  若要購買 Samsung 無線 LAN 轉接器，請造訪 Samsung 經銷商。
- 如果無線路由器支援 DHCP，則本播放機可以使用 DHCP 或靜態 IP 位址連接到無線網路。
- 將無線路由器設定為「基礎結構」模式。不支援點對點傳輸模式。
- 播放機只支援下列無線安全金鑰通訊協定：
  - WEP (OPEN/SHARED)、WPA-PSK (TKIP/AES)、WPA2-PSK (TKIP/AES)
- 選取無線路由器上目前未在使用中的通道。 如果附近的另一個裝置目前正在使用為無線路由器設定的通道，則這會導致干擾和通訊失敗。
- 如果選取純高通 (Greenfield) 802.11n 模式且在路由器上將「加密類型」設定為 WEP、TKIP 或 TKIP-AES (WPS2Mixed)，則播放機將不支援符合新的 Wi-Fi 認證規範的連線。
- 由於本質原因，無線 LAN 會導致干擾，具體視操作條件而定（路由器效能、距離、阻擋物、其他無線電裝置干擾等等）。

設定

初始設定程序

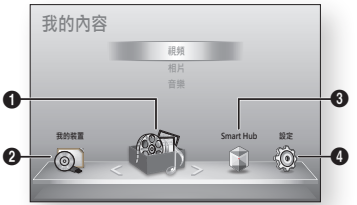
- 如果未配置初始設定，則除了下面說明的情況之外，主功能表不會出現。
- 升級軟體版本後，本播放機中的 OSD (螢幕顯示) 可能會變更。
- 存取步驟可能會因選定的功能表而異。

「初始設定程序」可讓您設定 OSD 和功能表語言、配置與家庭網路的連線、選擇適合您的電視的畫面比例輸出 (螢幕尺寸和格式)。

| 附註 |

- 如果您在「初始設定」程序期間跳過網路設定，則可以在以後配置網路設定。如需說明，請參閱第 18~19 頁上的「配置網路連線」。
- 如果要再次顯示「初始設定」畫面並進行變更，請在主畫面中選取設定 > 系統設置 > 初始設定，或者選取「重設」選項。(請參閱第 16 頁)
- 如果您要使用 Anynet+(HDMI-CEC) 功能，請依照下面的說明操作。
  1) 使用 HDMI 電纜將播放機連接至 Anynet+(HDMI-CEC) 相容 Samsung 電視。
  2) 在電視和播放機上將 Anynet+(HDMI-CEC) 功能設定為開。
  3) 將電視設定為「初始設定程序」。

主畫面



1	**我的內容**：可讓您依類型選取位於已連接裝置上要檢視或播放的內容：您可以選取視訊、相片或音樂。
2	**我的裝置**：可讓您選取要播放或存取的已連接裝置。裝置可以是播放機本身、直接連接至播放機的裝置 (例如 USB 隨身碟) 或透過網路連接的隨身碟 (例如電腦上的共用磁碟機)。
3	**Smart Hub**：啟動 Smart Hub。從 Smart Hub 中，您可以存取 YouTube、遊戲和其他應用程式。
4	**設定**：設定各種功能來配合您的個人愛好。

▪ 選取主畫面上的選項

1. 若要選取主畫面上的選項，請使用 ◄► 按鈕移動游標，直到高亮顯示要選擇的選項為止，然後按 [Enter] 按鈕。

| 附註 |

- 如果讓播放機停留在停止模式超過 5 分鐘沒有使用，屏幕保護程序將出現在電視上。如果播放機停留在屏幕保護程序模式超過 20 分鐘，電源會自動關閉。

存取設定畫面

1. 在主畫面選取**設定**，然後按 [Enter] 按鈕。「設定」畫面將會出現。

2. 若要存取「設定」功能表、子功能表和選項，請參閱遙控器圖示及右側的表格。

遙控器上用於設定功能表的按鈕

1	**HOME** 按鈕：按此按鈕以移至主畫面。
2	**RETURN** 按鈕：返回前一個功能表。
3	**[Enter] (Enter) / 方向**按鈕： • 按 ▲▼◄► 可移動游標或選取項目。 • 按 [Enter] 按鈕可啟動目前選取的項目或確認設定。
4	**EXIT** 按鈕：按此按鈕以結束功能表。

詳細的功能資訊

畫面上詳細說明了每個「設定」功能、功能表項目和個別選項。若要檢視說明，請使用 ▲▼◄► 按鈕選取功能、功能表項目或選項。說明一般出現在畫面右側。

下一頁起提供每個「設定」功能的簡短說明。本手冊的「附錄」中也提供部分功能的其他資訊。

設定功能表功能

顯示	**3D 設定**	選取是否以 3D 模式播放含有 3D 內容的 Blu-ray 光碟。 • 如果您在 3D 模式下移至主畫面或 Smart Hub主畫面，則播放機將自動切換至 2D。
	電視畫面比例	可讓您將播放機的輸出調整為電視的螢幕大小和格式。
	Smart Hub 螢幕大小	可讓您選取 Smart Hub 螢幕的最佳大小。
	BD Wise	BD Wise 是 Samsung 最新的內部連接功能。透過 HDMI 使用 BD Wise 將 Samsung 播放機和 Samsung 電視互連，並且播放機和電視上皆有 BD Wise 時，播放機會以 Blu-ray Disc/DVD 的視訊解像度和幀速率輸出視訊。
	解像度	可讓您將 HDMI 視訊訊號的輸出解像度設定為自動、1080p、1080i、720p、480p 或。 數字表示每幀的視訊行數。 i 和 p 分別表示隔行和逐行。 一般行數越高，畫面品質越高。
	HDMI 色彩格式	可讓您設定 HDMI 輸出的色彩空間格式，以與所連接裝置 (電視，顯示器等) 的功能相符。選取格式之後，螢幕會暫時變黑。
顯示	**電影幀率 (24 Fs)**	如果將播放機連接到與 24Fs 相容的電視，則將「電影幀率 (24 Fs)」功能設定為「自動」可讓播放機自動將其 HDMI 輸出調整為每秒 24 幀以改善畫質。 • 只能在支援此幅率的電視上享受「電影幀率 (24 Fs)」功能。 • 僅當播放機處於 HDMI 1080i 或 1080p 輸出解像度模式時，才能使用「電影幀率」。
	HDMI 深色技術	可讓您將產品設定為以「深色」輸出 HDMI 視訊。「深色」以更高的色彩深度提供更準確的色彩重現。
	靜止模式	可讓您設定暫停 DVD 播放時的播放機顯示的畫面。
	漸進模式	可讓您改善觀賞 DVD 時的畫面品質。

音頻	**數碼輸出**	可讓您選取適合您的電視或 AV 接收器的數位音訊輸出格式。 如需更多詳細資料，請參閱第 32 頁上的數位輸出選取表格。
	PCM 向下採樣	可讓您選擇讓 96Khz PCM 訊號向下採樣為 48Khz，然後再將它們輸出到擴音機。 如果擴音機或接收器與 96Khz 訊號不相容，請選擇「開啟」。
	動態範圍控制	可讓您將動態範圍控制套用至 Dolby Digital、Dolby Digital Plus 和 Dolby True HD 音訊。 ✓ **自動**： 根據 Dolby TrueHD 聲道中的資訊，自動控制 Dolby TrueHD 音訊的動態範圍。對於 Dolby Digital 和 Dolby Digital Plus，還會開啟動態範圍控制。 ✓ **關閉**： 保持不壓縮動態範圍，以讓您聽到原始聲音。 ✓ **開啟**： 對於所有三種 Dolby 格式，開啟動態範圍控制。 讓較安靜的聲音大聲一些，並降低較大聲音的音量。
	縮混模式	可讓您選取與您的立體聲系統相容的多聲道縮混方法。 您可以選擇將播放機縮混成普通立體聲或兼容環繞音的立體聲。

網絡	**網絡設定**	配置網路連線，以便您可以享受各種功能 (例如網際網路服務或 AllShare) 以及執行軟體升級。
	網絡狀態	可讓您檢查目前的網路和網際網路狀態。
	BD-Live 互聯網連接	設定這個選項以在使用 BD-LIVE 服務時，允許或禁止網際網路連線。

系統設置	**初始設定**	您可以使用「初始設定」功能設定語言、網路設定等等。
	快速啟動	可讓您將播放機設定為透過縮短啟動時間而快速開啟。 I 附註 I ▸ 如果將此功能設定為**開啟**，待機電源消耗將會提高。
	Anynet+ (HDMI-CEC)	Anynet+ 是一種方便功能，它提供與其他帶有 Anynet+ 功能的 Samsung 播放機的連結操作，並可讓您使用一個 Samsung 電視遙控器控制那些產品。若要操作此功能，必須使用 HDMI 電纜將本播放機連接到 Anynet+ Samsung 電視。
	BD 資料管理	可讓您管理下載的內容，這些內容透過支援 BD-LIVE 服務的 Blu-ray 光碟存取，並儲存在連接的快閃記憶體裝置上。
	時區	您可以指定適合您所在地區的時區。

系統設置	**DivX® VOD**	檢視 DivX® VOD 註冊碼以購買和播放 DivX® VOD 內容。
	重設	除了網路和 Smart Hub 設定之外，將所有設定重設為預設值。 預設安全 PIN 是 0000。

語言	可以選取偏好用於主功能表、光碟功能表等的語言。 ✓ **螢幕功能表**：選取用於螢幕顯示的語言。 ✓ **光碟功能表**：選取用於光碟功能表顯示的語言。 ✓ **音頻**： 選取光碟音訊的語言。 ✓ **字幕**： 選取光碟字幕的語言。 I 附註 I ▸ 選取的語言只有在光碟上受支援時才會出現。

安全性	預設 PIN 是 0000。如果您尚未建立您自己的密碼，請輸入預設 PIN 以存取安全功能。 ✓ **BD 家長分級控制**： 除非您輸入安全 PIN，否則禁止播放分級等於或高於特定年齡分級的 Blu-ray 光碟。 ✓ **DVD 家長分級控制**： 除非您輸入安全 PIN，否則禁止播放分級等於或高於特定數字分級的 DVD。 ✓ **變更密碼**： 變更用於存取安全功能的 4 位數 PIN。 ▪ 如果您忘記 PIN： **1.** 移除任何光碟或 USB 儲存裝置。 **2.** 按住前面板上的 ▶II 按鈕 5 秒鐘以上。 所有設定都將恢復為出廠設定。

一般	**網絡遙控器**	「網路遠端控制」功能可讓您從遠端裝置 (例如透過無線連線連接至區域網路的智能手機) 控制 Blu-ray 光碟播放機。 **1.** 在「網路遠端控制」功能表中選取**開啟**。 **2.** 安裝 Samsung 網路遠端控制應用程式以在相容的可攜式裝置上控制播放機。 **3.** 請確保可攜式裝置和播放機連接至同一個無線路由器。 **4.** 在可攜式裝置上啟動該應用程式。該應用程式應可找到播放機並將其顯示在清單中。 **5.** 選取播放機。 **6.** 如果這是您首次使用這項功能，系統將詢問您是允許還是拒絕遠端控制播放機。選取「允許」。 **7.** 依照應用程式顯示的說明控制播放機。

支援	**軟體升級**	如需「軟體升級」功能的相關資訊，請參閱第 20~21 頁上的「升級軟體」。
	聯絡 Samsung	提供聯絡資訊以協助您使用播放機。

網路和網際網路

當將本播放機連接至網路時，可以使用網路型應用程式和功能（例如 Smart Hub 和 BD-LIVE），並可以透過網路連線升級播放機的軟體。 如需存取和使用網際網路服務的相關詳細資訊，請參閱本手冊第 25~26 頁上的「網路服務」章節。下面開始配置網路連線的說明。

配置網路連線

在開始之間，請與您的 ISP 聯絡以瞭解您的 IP 地址是靜態的還是動態的。 如果是動態的，並且您使用的是有線或無線連線，則建議使用下面說明的自動程序。 如果您要連接到有線網路，請先使用 LAN 電纜將播放機連接到 路由器，再開始配置程序。
如果您要連接到無線網路，請先中斷所有有線網路連線再開始。

若要開始配置網路連線，請依照下面的步驟操作：

1. 在主功能表中，選取**設定**，然後按 按鈕。
2. 選取**網絡**，然後按 按鈕。
3. 選取**網路設定**，然後按 按鈕。
「網路設定」畫面將會出現。

有線網路

❑ 有線 - 自動

若要設定，請依照第 18 頁上「配置網路連線」中的步驟 1 到 3 操作。

1. 在「網路設定」畫面中選取**有線**，然後按 按鈕。
「網路狀態」畫面將會出現。
播放機會驗證網路連線，然後連接到網路。

❑ 有線 - 手動

如果您具有靜態 IP 位址或「自動」程序不起作用，則您將需要手動設定「網路設定」。

1. 在「網路設定」畫面中選取**有線**，然後按 按鈕。
「網路狀態」畫面將會出現。
播放機會嘗試驗證網路連線並且會失敗。
2. 選取畫面底部的 **IP 設定**，然後按 按鈕。
「IP 設定」畫面將會出現。
3. 選取 **IP 模式**欄位，然後將它設定為「手動」。
4. 使用遙控器上的數字小鍵盤輸入網路值。 使用遙控器上的 ▲▼◄► 按鈕從一個輸入欄位移至另一個輸入欄位。
5. 完成後，高亮顯示**確定**，然後按 按鈕。「網路狀態」畫面將會出現。 播放機會驗證網路連線，然後連接到網路。

< 取得 IP 設定值 >

您可以在大多數 Windows 電腦上檢視網路設定值。 若要檢視網路設定值，請依照下面的步驟操作：

- Windows XP

1. 用滑鼠右鍵按一下 Windows 桌面右下角中的「網路」圖示。
2. 在快顯功能表中，按一下「狀態」。
3. 在出現的對話方塊中，按一下「支援」標籤。
4. 在「支援」標籤上，按一下「詳細資料」按鈕。
將會顯示「網路設定」。

- Windows 7

1. 按一下 Windows 桌面右下角中的「網路」圖示。
2. 在快顯功能表中，按一下「網路和共用中心」。
3. 在隨後出現的對話方塊中，按一下「區域連線」或「無線網路連線」，具體視網路連線而定。
4. 在「支援」標籤上，按一下「詳細資料」按鈕。
將會顯示「網路設定」。

| 附註 |

- 根據 Windows 版本，該資訊可能不相同。

無線網路

您可以採用三種方式設定無線網路連線：

- 無線自動
- 無線手動
- WPS(PBC)

當您配置無線網路連線時，目前透過播放機連接的所有無線網路裝置或者（如果適用）播放機目前的有線連線將會斷開。

❑ 無線（一般）- 自動

若要設定，請依照第 18 頁上「配置網路連線」中的步驟 1 到 3 操作。

1. 在「網路設定」畫面中選取**無線（一般）**，然後按 按鈕。
   播放機將會進行搜尋，然後顯示可用的網路清單。

2. 選取所需網路，然後按 按鈕。
   「安全」畫面將會出現。
3. 在「安全」畫面上，輸入網路的「安全代碼」或「通行碼」。
   使用遙控器上的數字按鈕直接輸入數字。 輸入字母的方法是使用箭頭按鈕選取字母，然後按 按鈕。
4. 完成後，選取畫面底部的**完成**，然後按 按鈕。「網路狀態」畫面將會出現。 播放機會驗證網路連線，然後連接到網路。

| 附註 |

- 應該可以在用來設定路由器或數據機的設定畫面上找到「安全代碼」或「通行碼」。

❑ 無線（一般）- 手動

如果您具有靜態 IP 位址或「自動」程序不起作用，則您將需要手動設定「網路設定」。
依照第 18 頁上「配置網路連線」中的步驟 1 到 3 操作之後。

1. 在「網路設定」畫面中選取**無線（一般）**，然後按 按鈕。
   「網路狀態」畫面將會出現。播放機會嘗試驗證網路連線並且會失敗。

2. 選取畫面底部的 **IP 設定**，然後按 按鈕。
   「IP 設定」畫面將會出現。
3. 選取 **IP 模式**欄位，然後將它設定為「手動」。
   - 如需 IP 設定值，請參閱第 18 頁上「取得 IP 設定值」。
4. 使用遙控器上的數字小鍵盤輸入網路值。 使用遙控器上的 ▲▼◄► 按鈕從一個輸入欄位移至另一個輸入欄位。
5. 完成後，高亮顯示**確定**，然後按 按鈕。
   「安全」畫面將會出現。
6. 在「安全」畫面上，輸入網路的「安全代碼」或「通行碼」。
   使用遙控器上的數字按鈕直接輸入數字。 輸入字母的方法是使用箭頭按鈕選取字母，然後按 按鈕。
7. 完成後，選取畫面底部的**完成**，然後按 按鈕。「網路狀態」畫面將會出現。 播放機會驗證網路連線，然後連接到網路。

❑ WPS(PBC)

若要設定，請依照第 18 頁上「配置網路連線」中的步驟 1 到 3 操作。

1. 在「網路設定」畫面中選取**WPS(PBC)**，然後按 按鈕。
   播放機將會進行搜尋，然後顯示可用的網路清單。
2. 在兩分鐘內按路由器上的 **WPS(PBC)** 按鈕。播放機將自動獲得它需要的所有網路設定，然後連接至網路。「網路狀態」畫面將會出現。驗證網路連線之後，播放機將連接至網路。

設定

軟體升級

「軟體升級」功能表可讓您升級播放機的軟體以改良效能或取得其他服務。

- 在更新過程中，切勿手動關閉或開啟播放機。

1. 在主畫面中，選取**設定**，然後按 ⏎ 按鈕。
2. 選取**支援**，然後按 ⏎ 按鈕。
3. 選取**軟體升級**，然後按 ⏎ 按鈕。
4. 選取下列其中一種方法：
   - 通過互聯網
   - 從USB下載
   - 透過光碟
   - 透過下載
   - 待機模式時下載
5. 按 ⏎ 按鈕。

| 附註 |

- 播放機關閉然後再次自行開啟後，升級即告完成。
- 對於在軟體升級期間網際網路連線不穩定或消費者粗心大意造成的播放機運作失常，Samsung Electronics 不承擔法律責任。
- 如果您要在正在下載升級軟體時取消升級，請按 ⏎ 按鈕。
- 系統正在升級時，會在前面板上顯示 "UP"。

通過互聯網

播放機必須連接至網際網路才能使用「透過下載」功能。

1. 選取**通過互聯網**，然後按 ⏎ 按鈕。「正在連接至伺服器」訊息便會出現。
2. 如果有下載可用，顯示進度列的「下載」快顯視窗便會出現並開始下載。
3. 下載完成後，「升級查詢」視窗將出現並提供三種選擇： 立即升級、稍後升級或不升級。
4. 如果您選取「立即升級」，播放機便會升級軟體，隨後關閉，然後再自動開啟。
5. 如果您未在一分鐘內做出選擇或選取「稍後升級」，播放機便會儲存新的升級軟體。日後，您可以使用「透過下載」功能來升級軟體。
6. 如果選取「不升級」，播放機會取消升級。

從USB下載

1. 造訪 www.samsung.com。
2. 按一下頁面右上方的**支援**。
3. 在搜尋欄位中輸入產品的型號，然後按一下**尋找產品**。
4. 按一下頁面中間「下載」標題下的**取得下載**。
5. 按一下頁面中間的**韌體**。
6. 按一下頁面右側「檔案」直欄中的 **ZIP** 圖示。
7. 在隨後出現的快顯視窗中按一下**確定**，以下載韌體檔案並將它儲存到電腦。
8. 將該 zip 保存檔解壓縮到電腦。應該使用與 zip 檔案同名的單一資料夾。
9. 將該資料夾複製到 USB 快閃磁碟中。
10. 請確保播放機中沒有光碟，然後將 USB 快閃磁碟插入到播放機的 USB 埠中。
11. 在播放機的功能表中，移至設定 > 支援 > 軟體升級。
12. 選取**從USB下載**。

| 附註 |

- 使用 USB Host 插孔來升級軟體時，播放機中不應該插入光碟。
- 軟體升級完成後，請在「軟體升級」功能表中檢查軟體詳情。
- 在軟體升級期間，切勿關閉播放機。否則會導致播放機運作失常。
- 使用 USB Host 插孔進行軟體升級必須只使用 USB 快閃記憶棒進行。

透過光碟

1. 依照**從USB下載** 中的步驟 1 到 7 操作。
2. 將該 zip 保存檔解壓縮到電腦。應該使用與 zip 檔案同名的單一資料夾。
3. 將該資料夾刻錄到光碟上。建議使用 CD-R 或 DVD-R。
4. 先最終化該光碟，再將其從電腦中取出。
5. 將光碟插入到播放機中。
6. 在播放機的功能表中，移至設定 > 支援 > 軟體升級。
7. 選取**透過光碟**。

| 附註 |

- 系統升級完成後，在軟體升級功能表中檢查軟體詳情。
- 在軟體升級期間，切勿關閉播放機。否則會導致播放機運作失常。

透過下載

「透過下載」選項可讓您使用播放機先前已下載但是您決定不立即安裝的檔案，或者播放機在待機模式中下載的檔案，來進行升級。

1. 如果已下載升級軟體體，則您可以在「透過下載」右邊看到軟體版本號。
2. 選取**透過下載**，然後按 ↵ 按鈕。
3. 播放機將顯示一則訊息，詢問您是否要升級。選取**是**。播放機便會開始升級。
4. 升級完成後，播放機會自動關閉，然後開啟。

| 附註 |

- 系統升級完成後，在軟體升級功能表中檢查軟體詳情。
- 在軟體升級期間，切勿關閉播放機。
  否則會導致播放機運作失常。

待機模式時下載

您可以設定「在待機模式中下載」功能，以便播放機在 Standby 模式時下載新的升級軟體。在待機模式中，播放機已關閉，但其網際網路連線是活動的。這可讓播放機在不使用時自動下載升級軟體。

1. 按 ▲▼ 按鈕選取**待機模式時下載**，然後按 ↵ 按鈕。
2. 選取**開啟**或**關閉**。
   如果選取**開啟**，播放機將在處於待機模式時，在關閉電源的情況下，自動下載新的升級軟體。如果播放機下載新的升級軟體，則它會詢問您是否要在播放機打開時進行安裝。

| 附註 |

- 若要使用待機模式升級功能，必須將本播放機連接到網際網路。

媒體播放

本 Blu-ray 播放機可以播放光碟和 USB 內容，還可以使用 AllShare 功能播放位於電腦上的內容。 如需 AllShare 的詳資訊，請參閱第 26 頁。

插入光碟

1. 按 ⏏ 按鈕以開啟光碟托盤。
2. 輕輕將光碟放入托盤，光碟的標籤朝上。
3. 按 ⏏ 按鈕以關閉光碟托盤。 播放將自動開始。
4. 如果播放不自動開始，請在主畫面上選取「我的內容」或「我的裝置」選項，然後按 ↵ 按鈕。

插入 USB 裝置

您可以播放位於 USB 儲存裝置上的多媒體檔案。

1. 在關閉播放機的情況下，將 USB 儲存裝置連接至播放機前面板上的 USB 埠。
2. 開啟播放機。 當主畫面出現時，選取我的裝置 > USB，然後按 ↵ 按鈕。

3. 選取視頻、相片或音樂，然後按 ↵ 按鈕。將會顯示 USB 裝置的內容。 視開啟內容的排列方式而定，您將看到資料夾或個別檔案。
4. 使用遙控器上的 ▲▼◄► 按鈕，選取所需的內容。 若要開啟資料夾，請選取資料夾，然後按 ↵ 按鈕。 若要播放檔案，請選取檔案，然後按 ↵ 按鈕。
5. 按 **RETURN** 按鈕結束資料夾或回到主畫面。

| 附註 |

- 必須安全移除 USB 儲存裝置 (透過執行 **「安全地卸載USB」** 功能)，以防可能損壞 USB 記憶體。 按 **HOME** 按鈕移至主功能表，然後選取 **黃色 (C)** 按鈕，然後按 ↵ 按鈕。
- 如果在播放 USB 儲存裝置時插入光碟，裝置模式將自動切換為「DVD 或 CD」。
- 畫面將僅顯示所選取內容類型的檔案。 例如，如果選取音樂，您將只能看到音樂檔案。 如果開啟標有「相片」或「視訊」的資料夾，將不會顯示任何檔案。 若要檢視其他類型的檔案，請選取不同的內容類型。

我的內容

HOME ➡ 我的內容 ➡ 視頻、相片或音樂

「我的內容」選項僅列出所選取的檔案類型。 例如，如果選取「音樂」，播放機將僅在畫面上列出音樂檔案。 請注意，播放機會顯示所有資料夾。 必須開啟資料夾才能顯示音樂檔案。

我的裝置

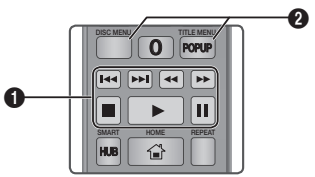
HOME ➡ 我的裝置 ➡ USB、光碟或 AllShare

「我的裝置」選項僅列出所選取裝置種類上的那些資料夾和檔案。 例如，如果選取 USB，播放機將僅在畫面上列出所連接 USB 裝置上的那些資料夾或檔案。

控制視訊播放

您可以控制位於 DVD、CD 或 USB 儲存裝置上的視訊內容的播放。 視光碟而定，本手冊中說明的一些功能可能無法使用。

遙控器上用於播放視訊的按鈕



1 與播放相關的按鈕

在「搜尋」、「慢動作播放」和「逐個動作播放」模式下，播放機不會播放聲音。

- 要恢復正常速度播放，請按 ▶ 按鈕。

▶ 按鈕	開始播放。
■ 按鈕	停止播放。
❚❚ 按鈕	暫停播放。
快動作播放	在播放期間，按 ◀◀ 或 ▶▶ 按鈕。每次按 ◀◀ 或 ▶▶ 按鈕，播放速度都會變更。
慢動作播放	在暫停模式中，按 ▶▶ 按鈕。每次按 ▶▶ 按鈕按鈕，播放速度都會變更。
逐個動作播放	在暫停模式中，按 ❚❚ 按鈕。每次按 ❚❚ 按鈕，都會出現新的一幀。
跳過動作播放	在暫停模式中，按 ⏮ 或 ⏭ 按鈕。每次按 ⏮ 或 ⏭ 按鈕，光碟都會移至上一個章節/檔案或下一個章節/檔案。

2 使用光碟功能表、標題功能表、快顯功能表和標題清單

DISC MENU 按鈕	在播放期間，按此按鈕可以啟動光碟功能表功能。
TITLE MENU 按鈕	在播放期間，按此按鈕可以啟動標題功能表功能。 • 如果光碟含有播放清單，則按**綠色 (B)** 按鈕可以移至播放清單。
POPUP MENU 按鈕	在播放期間，按此按鈕可以啟動快現標題功能表功能。

使用工具功能表

在播放期間，按 **TOOLS** 按鈕。

標題搜尋	選取此項可移至所需場景。
章節搜尋	
時間搜尋	
重複模式	選取此項可重複所需場景。 - **關閉**：選擇此項可恢復正常播放。 - **標題**：選擇此項可重複選取的標題。 - **章節**：選擇此項可重複選取的章節。 - **重複 A-B**：選擇此項可設定要播放的重複點。 **附註** ▸ 必須將 (B) 點的播放時間設定為 (A) 點的至少 5 秒鐘之後。
圖像設定	選取此項可設定圖片設定。 - **動態**：選擇此設定可提高清晰度。 - **正常**：選取此設定以取得最多觀賞應用。 - **電影**：這是觀看電影的最佳設定。
圖像設定	- **使用者**：可讓您分別調整清晰度和降低雜訊功能。 **附註** ▸ 當使用 BD wise 功能時，此功能表不會出現。
音頻	選取此項可設定所需的音訊語言。
字幕	選取此項可設定所需的字幕語言。 - 若要操作此功能，您也可以按遙控器上的 **SUBTITLE** 按鈕。
角度	選取此項可以其他角度觀看場景。「角度」選項顯示可供觀看的角度數。 當 Blu-ray 光碟/DVD 包含特定場景的多個角度時，您可以變更角度。
BONUSVIEW 視頻	選取此項可設定所需的 bonusview 選項。
BONUSVIEW 音頻	

附註

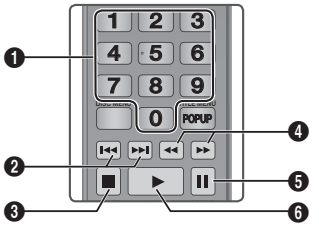
▸ 視光碟或儲存裝置而定，「工具」功能表可能不相同。

媒體播放

控制音樂播放

您可以控制位於 DVD、USB、行動裝置或電腦上的音樂內容的播放。

遙控器上用於播放音樂的按鈕



❶	**數字**按鈕：在播放清單播放期間，按所需的曲目編號。 將會播放選取的曲目。
❷	**跳過**：在播放期間，按 ⏮ 或 ⏭ 按鈕移至播放清單的上一頁或下一頁。
❸	■ 按鈕：停止曲目。
❹	**快速播放 (僅限音訊 CD (CD-DA))** 在播放期間，按 ◀◀ 或 ▶▶ 按鈕。 每次按 ◀◀ 或 ▶▶ 按鈕，播放速度都會變更。
❺	**暫停**：暫停曲目。
❻	▶ 按鈕：播放當前選取的曲目。

重複音訊 CD (CD-DA)/MP3

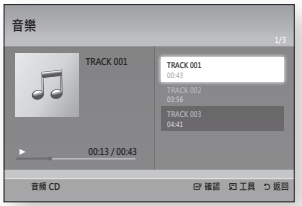
1. 在播放清單播放期間，按 **TOOLS** 按鈕。
2. 按 ▲▼ 按鈕選取**重複模式**，然後按 ◀▶ 按鈕選取所需的重複模式。
3. 按 ↵ 按鈕。

關閉	將以錄製的順序播放歌曲。
(↻) 一首歌曲	重複目前的歌曲。
(↻) 全部	重複所有歌曲。
(⤮) 隨機模式	隨機選項會隨機播放歌曲。若要操作此功能，請將隨機播放模式設定為**開啟**。

播放清單

1. 若要移至「音樂清單」，請按 ■ 或 **RETURN** 按鈕。
「音樂清單」畫面將會出現。
2. 按**黃色 (C)** 按鈕。
3. 按 ▲▼◀▶ 按鈕移至所需的曲目，然後按 ↵ 按鈕。鉤號將出現在該曲目上。
重複此程序以選取其他曲目。

4. 若要從清單移除曲目，請移至曲目，然後再次按 ↵ 按鈕。
將會取消曲目上的鉤號。
5. 完成後，按 **TOOLS** 按鈕。
6. 按 ▲▼ 按鈕選取播放選定的內容，然後按 ↵ 按鈕。
將會自動播放選取的曲目。



7. 要移至「音樂清單」，請按 **RETURN** 按鈕。

| 附註 |

- 可以在音訊 CD (CD-DA) 上建立最多含有 99 個曲目的播放清單。

播放相片內容

您可以播放位於 DVD、CD 或 USB 儲存裝置上的相片內容。

使用工具功能表

在播放期間，按 **TOOLS** 按鈕。

開始播放幻燈片	選取此項以開始播放幻燈片。
幻燈片播放速度	選取此項可設定幻燈片播放的速度。
背景音樂	選取此項可在觀看幻燈片時收聽音樂。
背景音樂設置	選取此項以設定背景音樂。
放大	選取此項以放大目前的圖片。(最多放大 4 倍)
旋轉	選取此項以旋轉圖片。(這會順時針或逆時針旋轉圖像。)
資訊	顯示圖片資訊。

| 附註 |

- 視光碟或儲存裝置而定，「工具」功能表可能不相同。
- 若要啟用背景音樂功能，相片檔案與音樂檔案必須在相同的儲存媒體中。
不過，聲音品質可能會受到 MP3 檔案的位元速率、相片的大小和編碼方法影響。
- 在全螢幕模式中，不能放大字幕和 PG 圖形。

網路服務

透過將播放機連接到網路，可以享受各種網路服務，如 Smart Hub 或 BD-LIVE 。

若要使用網路服務，必須首先：

1. 將播放機連接到網路。（請參閱第 13 頁）
2. 配置網路設定。（請參閱第 18~19 頁）

使用 Smart Hub

使用 Smart Hub，您可以從網際網路下載電影、視訊和音樂，存取各種付費和免費應用程式並在電視上觀賞。應用程式內容包括新聞、體育、天氣預報、股市行情、地圖、遊戲、電影和音樂。

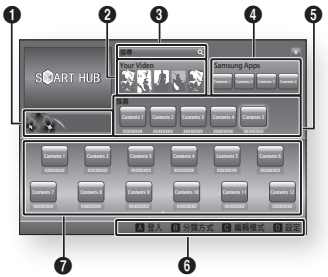
如需如何使用 Smart Hub 的說明，請依照下面的步驟操作：

1. 造訪 www.samsung.com。
2. 按一下頁面上方的「支援」。
3. 在「支援」頁面上，在「型號」欄位中輸入播放機的型號，然後按 **Enter** 按鈕。
4. 在隨後出現的頁面上，按一下「下載」左下方的「取得下載」。「下載中心」將會出現。
5. 在「下載中心」頁面上，按一下「手冊」標籤。
6. 在「手冊」標籤上，按一下「Smart Hub 使用手冊」右側的「檔案」圖示。便會下載手冊。

| 附註 |

- Smart Hub 手冊的網路位置可能會隨時變更，恕不另行通知。
- 如果首頁更新或修改，則使用手冊中提到的內容可能會與實際功能表不相同。

Smart Hub 總覽



❶	**商業**：顯示 Smart Hub 指南、播放機指南和新應用程式說明。
❷	**Your Video**：依照您的體會提出評論。 | 附註 | ▸ 此功能表可能不受支援，取決於地區。
❸	**搜尋**：提供視訊提供者和已連接 AllShare 裝置的整合式搜尋。
❹	**Samsung Apps**：開啟 Samsung Apps 以下載各種付費或免費應用程式服務。
❺	**推薦**：顯示 Samsung 管理的建議內容。
❻	**導覽說明**：顯示可用來在 Smart Hub 中導覽的遙控器按鈕。 • **紅色 (A)**：登入 Smart Hub。 • **綠色 (B)**：對應用程式進行排序。 • **黃色 (C)**：編輯應用程式。 • **藍色 (D)**：變更 Smart Hub 的設定。
❼	**我的應用程式**：顯示應用程式的個人收藏，可於其中新增、修改和刪除。

BD-LIVE™

將播放機連接到網路後，您可以享受 BD-LIVE 相容光碟上提供的各種與電影相關的服務內容。

1. 將 USB 記憶棒插入播放機前面的 USB 插孔，然後檢查其剩餘記憶體。記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。
2. 在主畫面選取**設定**，然後按 ⏎ 按鈕。
3. 選取**系統設置**，然後按 ⏎ 按鈕。
4. 選取 **BD 資料管理**，然後按 ⏎ 按鈕。
5. 選取**裝置選擇**，然後按 ⏎ 按鈕。
6. 選取 **USB**，然後按 ⏎ 按鈕。
7. 插入支援 BD-LIVE 的 Blu-ray 光碟。
8. 從光碟製造商提供的各種 BD-LIVE 服務內容中選取項目。

| 附註 |

- 使用 BD-LIVE 和提供的內容的方式可能會因光碟製造商而異。

網路服務

使用 AllShare 網路功能

AllShare 可讓您使用無線網路連線，透過播放機播放位於電腦或 DLNA 相容裝置上的視訊、相片或音樂。

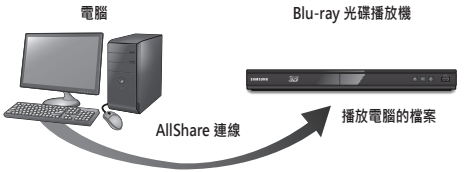
若要下載 AllShare 軟體

若要將 AllShare 與電腦 或 DLNA 裝置搭配使用，必須在電腦上安裝 AllShare 軟體。
可以從 Samsung.com 網站下載電腦軟體並取得有關使用 AllShare 的詳細資料。

1. 造訪 www.samsung.com。
2. 按一下頁面上方的「支援」。
3. 在「支援」頁面上，在「型號」欄位中輸入播放機的型號，然後按 按鈕。
4. 在隨後出現的頁面上，按一下「下載」左下方的「取得下載」。
「下載中心」將會出現。
5. 在「下載中心」頁面上，按一下「軟體」標籤。
6. 在「軟體」標籤上，按一下 AllShare 行右側的「檔案」圖示。
7. 在隨後出現的快顯視窗中，按一下「儲存檔案」。
8. 在磁碟上尋找 AllShare 安裝檔案，然後連按兩下該檔案。
9. 在隨後出現的快顯視窗中，按一下「執行」，然後依照畫面上出現的指示操作。

從相同的「軟體」標籤下載 AllShare 安裝/說明手冊，方法是按一下右側「檔案」直欄中對應的 PDF 檔案符號。 將會下載並開啟 PDF 格式的檔案。 您可以檢視或儲存檔案。

透過 Blu-ray 光碟播放機播放位於電腦或 DLNA 裝置上的內容



1. 將 Blu-ray 光碟播放機、電腦或 DLNA 相容裝置連接到相同的無線網路。
2. 依照 AllShare 安裝/說明手冊中的指示操作，設定裝置和檔案以進行播放或觀看。
3. 在播放機的主畫面中選取**我的裝置**，然後按 按鈕。 AllShare 畫面將會出現。
4. 選取所連接的 DLNA 相容裝置或電腦，然後按 按鈕。 一個畫面將會出現，其中列出可用的檔案。
5. 選取要播放或觀看的檔案，然後按 按鈕。

附錄

符合性和相容性聲明

並非所有光碟都相容

- 根據下面所述的限制及本手冊中(包括本手冊中的「光碟類型和特性」一節) 說明的限制，可以播放的光碟類型有： 預先錄製的商業 BD-ROM、DVD-VIDEO 和音訊 CD (CD-DA)；BD-RE/-R、DVD-RW/-R；以及 CD-RW/-R。
- 上述光碟以外的光碟或不設計為使用本播放機播放。並且由於下面提供的一個或多個原因，上述的一些光碟也可能無法播放。
- Samsung 不能保證本播放機可以播放帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的每張光碟，並且本播放機可能不能回應所有操作指令或操作每張光碟的所有功能。下面列出造成這些問題和其他光碟相容性以及播放機操作新格式或現有格式的光碟問題的可能原因：
  - Blu-ray 是新的且不斷發展的格式，且本播放機可能無法操作 Blu-ray 光碟的所有功能，因為一些功能可能是在生產本播放機後新增到 Blu-ray 光碟格式的選用附加功能，並且某些可用的功能可能會延後提供。
  - 本播放機並不支援所有新的和現有的光碟格式版本。
  - 可能會對新的和現有的光碟格式進行修正、變更、更新、改良或補充；
  - 一些光碟的生產方式使得在播放期間只允許特定或有限的操作和功能；
  - 一些功能可能是在生產本播放機後新增的選用附加功能，並且某些可用的功能可能會延後提供
  - 帶有 BD-ROM、BD-RE/-R、DVD-VIDEO、DVD-RW/-R、DVD+RW/+R 和 CD-RW/-R 標誌的一些光碟可能仍然是非標準化光碟；
  - 一些光碟可能無法播放，具體視其實體狀態或錄製條件而定；
  - 在製作 Blu-ray 光碟、DVD 軟體或生產光碟時可能會出現問題和發生錯誤；
  - 本播放機的操作方式與其他標準 DVD 播放機或其他 AV 裝置不同。或
  - 出於本使用手冊說明的原因和 SAMSUNG 客戶服務中心發現和公佈的其他原因。
- 如果您遇到光碟相容性或播放機操作問題，請與 SAMSUNG 客戶中心聯絡。
  也可以與 SAMSUNG 客戶中心聯絡以取得本產品的可能更新。
- 有關播放限制以及光碟相容性的其他資訊，請參閱本使用手冊的「預防措施」、「在閱讀使用手冊之前」和「光碟類型和特性」等章節。
- **對於 Blu-ray 光碟播放機前進式掃描輸出：** 消費者應注意到，並不是所有的高清晰度電視機都與此產品完全相容，與此產品的連接可能造成畫面失真。 在出現 525 或 625 前進式掃描問題的情況下，建議使用者將連接切換為「標準清晰度」輸出。 如果我們的電視機與本產品出現相容問題，請與 SAMSUNG 客戶服務中心聯絡。

複製保護

- 因為已核准將 AACS（進階儲存內容系統）用作 Blu-ray 光碟格式的內容保護系統（類似於對 DVD 格式使用 CSS（內容加擾系統））， 對受 AACS 保護的內容存在播放、類比信號輸出等特定限制。
  本產品的操作和對本產品的限制可能會因購買時間而異，因為在生產本產品之後，AACS 可能會採用或變更這些限制。此外，BD-ROM 標記和 BD+ 另用作 Blu-ray 光碟格式的內容保護系統，它施加特定限制，包括對 BD-ROM 標記或 BD+ 受保護內容的播放限制。 若要取得 AACS、BD-ROM 標記、BD+ 或本產品的相關詳細資訊，請與 SAMSUNG 客戶中心聯絡。
- 許多 Blu-ray/DVD 都進行了編碼以達到複製保護的目的。因此，僅直接將您的播放機與您的電視相連接，而不要連接到 VCR。與 VCR 連接將導致受版權保護之 Blu-ray 光碟/DVD 光碟的畫面失真。
- 在美國著作權法和其他國家/地區的著作權法保護下，如果未經授權使用、顯示、散佈或修訂電視節目、錄影帶、Blu-ray 光碟、DVD 和其他材料，則您必須承擔民事或刑事責任。

- **Cinavia 聲明**： 本產品使用 Cinavia 技術來限制 使用某些商業製造的電影和視訊及其聲道的未經授權副本。 當偵測到禁止使用的未經授權副本時，將會顯示一則訊息，並且播放或複製動作將會中斷。
  Cinavia 技術的詳細資訊在 Cinavia 線上消費者資訊中心中提供，網址為：http://www.cinavia.com。若要透過郵件請求關於 Cinavia 的其他資訊，請將含有您的郵寄地址的明信片寄往： Cinavia Consumer Information Centre, P.O. Box 86851, San Diego, CA, 92138, USA。
  本產品採用 Verance Corporation 許可的專利技術，並且受美國專利 7,369,677 和其他在美國及全球已頒發或正在申請的專利保護，並且此類技術的特定方面受版權和商業機密保護。 Cinavia 是 Verance Corporation 的商標。 Copyright 2004-2010 Verance Corporation. All rights reserved by Verance. 禁止還原工程或反向組譯。

網路服務免責聲明

透過本裝置存取的所有內容和服務屬於協力廠商，並且受版權、專利權、商標或其他智慧財產法保護。提供此等內容僅供個人非商業使用。除內容所有者或服務提供者授權的方式之外，不得任何其他方式使用任何內容或服務。除非適用的內容所有者或服務提供者事先明確授權，您不得修改、複製、重新發佈、上載、張貼、傳送、翻譯、銷售、建立衍生作品、開發或以任何方式或媒體散佈透過本裝置顯示的任何內容或服務。

協力廠商內容和服務「按原樣」提供。對於此處提供的內容，SAMSUNG 不提供針對任何目的明示或暗示的保證。SAMSUNG 明確拒絕任何暗示的保證，包括但不限於適銷性或適合特定用途的保證。

SAMSUNG 不保證透過本裝置可取得之內容或服務的準確性、有效性、及時性、合法性或完整性；在任何條件下，包括疏忽所致，無論是合同行為還是侵權行為，對於您或協力廠商使用內容或服務導致的任何直接、間接、偶然、特殊或附帶性毀損，及律師費、開支或任何其他與此有關的損失或包含其中的資訊，SAMSUNG 將不承擔賠償責任，即使 SAMSUNG 事先已被告知發生此等損失的可能性。

協力廠商服務隨時會中止或中斷，Samsung 不表示或保證任何內容或服務的可用期限。對於協力廠商透過網路和傳輸設備傳送的內容和服務，Samsung 無法控制。在不影響本免責聲明一致性的前提下，對於透過本裝置取得之任何內容或服務的中斷或中止，Samsung 明確拒絕承擔任何責任。

Samsung 也不對內容和服務的相關客戶服務承擔責任。任何與內容或服務相關的無服務問題或要求，都應該直接轉至各自內容和服務的提供者。

授權

- Dolby 和雙 D 標誌是 Dolby Laboratories 的註冊商標。

- 在以下美國專利號的授權下製造： 5,956,674; 5,974,380; 6,487,535 & other U.S. 和其他美國及全球已頒發或正在申請的專利。 DTS、符號和 DTS 及符號一起是 DTS, Inc 的註冊商標，DTS 2.0+Digital Out 是 DTS, Inc 的商標。©DTS, Inc. All Rights Reserved.

- DivX
  - 關於 DIVX 視訊： DivX® 是 Rovi Corporation 子公司 DivX, LLC 建立的數位視訊格式。 本產品是正式通過 DivX 認證、可以播放 DivX 視訊的產品。 請造訪 divx.com 以瞭解詳細資訊，以及取得用於將檔案轉換為 DivX 視訊的軟體工具。

- 關於 DIVX 視訊點播： 本產品是通過 DivX® 認證的裝置，必須註冊才能播放購買的 DivX 視訊點播 (VOD) 電影。 若要取得註冊碼，請在裝置的設定功能表中找到 DivX VOD 區段。 請造訪 vod.divx.com，以取得如何完成註冊的詳細資訊。
- 向 DivX® 認證以播放高達 HD 1080p 的 DivX® 視訊，包括優質內容。
  DivX®、DivX Certified® 及相關聯的標誌是 Rovi Corporation 或其子公司的商標，並在授權下使用。
  受下列一個或多個美國專利權保護： 7,295,673; 7,460,668; 7,515,710; 7,519,274。

- 術語 HDMI、HDMI High-Definition Multimedia Interface 和 HDMI 標誌是 HDMI Licensing LLC 在美國和其他國家/地區的商標或註冊商標。

- Oracle 和 Java 是 Oracle 或其子公司的註冊商標。 其他名稱可能是其各自所有者的商標

- 開源軟體許可注意事項
  - 使用開源軟體時，產品功能表上會有開源軟體許可項目。

- Blu-ray Disc™、Blu-ray™ 和標誌是 Blu-ray Disc Association 的商標。

其他資訊

附註

設定	**3D 設定**
	• 對於某些 3D 光碟，要在 3D 播放期間停止影片，請按一次 ■ 按鈕。影片將會停止，並會停用 3D 模式選項。 若要在播放 3D 影片時變更 3D 選項選取，請按一次按 ■ 按鈕。 Blu-ray 功能表將會出現。 再按一次 ■ 按鈕，然後在 Blu-ray 功能表中選取 3D 設定。 • 根據電視螢幕上畫面的內容和位置，您可能會在左側或右側看到垂直的黑條。
	電視畫面比例
	• 視光碟類型的不同，某些縱橫比可能不可用。 • 如果選取不同於電視縱橫比的縱橫比選項，則圖像可能會變形。 • 如果選取「16:9 原始大小」，則電視可能會顯示 4:3 Pillarbox (畫面兩側有黑條)。
	BD Wise (僅限 Samsung 播放機)
	• BD Wise 為「開」時，「解像度」設定會自動預設為 BD Wise，並且 BD Wise 會出現在「解像度」功能表中。 • 如果將播放機連接至不支援 BD Wise 的裝置，則不能使用 BD Wise 功能。 • 為了 BD Wise 正常操作，請在播放機和電視上都將 BD Wise 選項設定為「開啟」。

設定	**數碼輸出**
	• 請務必選取正確的「數位輸出」，否則將聽不到聲音或只聽到很大聲的雜音。 • 如果 HDMI 裝置（AV 接收器，電視）與壓縮的格式 (Dolby Digital, DTS) 不相容，則音訊信號輸出為 PCM。 • 一般 DVD 沒有 BONUSVIEW 音頻和導覽音效。 • 一些 Blu-ray 光碟沒有 BONUSVIEW 音頻和導覽音效。 • 此「數位輸出」設定不影響輸出到電視的 HDMI 音訊。 它影響將播放機連接到 AV 接收器時的同軸電纜和 HDMI 音訊輸出。 • 如果播放 MPEG 音訊聲道，則音訊訊號將輸出為 PCM，而不管 Digital Output Selections 設為什麼 (PCM 或 Bitstream)。
	PCM 向下採樣
	• 即使將「PCM 向下採樣」設定為「**關閉**」，某些光碟也將透過同軸數位輸出只輸出向下採樣的音訊。 • HDMI - 如果您的電視與壓縮多聲道格式 (Dolby Digital, DTS) 不相容，則播放機可能會輸出 PCM 2 聲道向下採樣的音訊，即使將在設定功能表上選取了 Bitstream (Re-encoded 或 Unprocessed) 也是如此。 - 如果電視與超過 48kHz 的 PCM 取樣率不相容，則播放機可能會輸出 48kHz。
	BD-Live 互聯網連接
	• 甚麼是有效的證書？ 當播放機使用 BD-LIVE 來將光碟資料和要求傳送至伺服器以認證光碟時，伺服器使用所傳送的資料來檢查該光碟是否有效，並將證書傳回給產品。 • 使用 BD-LIVE 內容時，網際網路連線可能會受到限制。

設定	**Anynet+ (HDMI-CEC)**
	• 視您的電視而定，某些 HDMI 輸出解像度可能不起作用。請參閱電視的使用手冊。 • 如果 HDMI 電纜線不支援 CEC，就不能使用此功能。 • 如果您的 Samsung 電視具有 Anynet+ 標誌，則它支援 Anynet+ 功能。
	BD 資料管理
	• 在外部記憶體模式中，如果在播放期間斷開 USB 裝置的連接，光碟播放將會停止。 • 只支援以 FAT 檔案系統（DOS 8.3 卷標）格式化的那些 USB 裝置。 建議使用支援 USB 2.0 通訊協定、4 MB/秒或更快讀/寫速度的 USB 裝置。 • 「恢復播放」功能在格式化儲存裝置後可能不工作。 • 「BD 資料管理」可使用的總記憶體可能會因條件而異。
媒體播放	**選擇音訊語言**
	• 如果 BONUSVIEW 部分不含任何 BONUSVIEW 音頻設定，則 ◄► 指示符不會出現在螢幕上。 • 透過「音訊語言」功能可使用的語言視光碟上錄製的語言而定。此功能和某些語言可能不可用。 • 某些 Blu-ray 光碟可能允許您選擇英文的 PCM 或 Dolby Digital 聲道。

媒體播放	**選擇字幕語言** • 根據 Blu-ray 光碟 / DVD，您可能可以在光碟功能表中變更所需的字幕。 按 **DISC MENU** 按鈕。 • 此功能取決於在光碟上所編碼的選定字幕，可能不會在所有的 Blu-ray 光碟/ DVD 上起作用。 • 如果 Blu-ray 光碟具有 BONUSVIEW 部分，則還會出現關於主要特徵/ BONUSVIEW 模式的資訊。 • 此功能同時變更主要和輔助字幕。 • 主要和輔助字幕總數分別顯示。 • 如果您按遙控器上的 **SUBTITLE** 按鈕，字幕列將會出現。 按 **RETURN** 按鈕可移除字幕列。

根據內容類型的解像度

輸出 / 設定	Blu-ray 光碟	電子內容/ 數位內容	DVD
BD Wise	Blu-ray 光碟的解像度	1080@60F	480i
自動	電視輸入的最大解像度	電視輸入的最大解像度	電視輸入的最大解像度
1080p@60F (電影幀 : 關閉)	1080@60F	1080@60F	1080@60F
電影幀 : 自動 (24Fs)	1080@24F	1080@24F	-
1080i	1080i	1080i	1080i
720p	720p	720p	720p
480p	480p	480p	480p

I 附註 I

- 如果連接至播放機的電視不支援電影幀或選取的解像度，訊息「如果在選擇「確定」後並未顯示書面，請稍候15 秒以返回先前的解像度。是否要變更解像度？」將會出現。 如果選取**是**，電視的螢幕空白 15 秒鐘，然後解像度將自動恢復為先前的值。
- 如果在變更解像度之後螢幕保留空白，請取出所有光碟，然後按住播放機頂端的 ▶II 按鈕 5 秒鐘以上。所有設定將恢複為出廠預設值。 再次執行「初始設定」程序。 然後移至功能表中的設定 > 顯示 > 解像度，並選取電視的正確解像度。
- 當執行「初始設定」程序時，僅重新選取語言和畫面比例 (螢幕大小和格式)。 重設不影響網路設定，因此應該可以跳過「網路設定」和「軟體升級」。
- 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。
- Blu-ray 光碟必須具有 24 幅率功能才能使用電影幀 (24F) 模式。

數位輸出選取

設定		PCM		位元流 (未經處理)		位元流 (DTS重新編碼)	位元流 (Dolby D重新編碼)
連線		HDMI 接收器	同軸	HDMI 接收器	同軸	HDMI 接收器或同軸	支援 HDMI 的 AV 接收器或同軸
Blu-ray 光碟上的音訊流	PCM	最多 7.1 聲道	PCM 2 聲道	PCM	PCM 2 聲道	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby Digital	PCM 2 聲道	PCM 2 聲道	Dolby Digital	Dolby Digital	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby Digital Plus	PCM 2 聲道	PCM 2 聲道	Dolby Digital Plus	Dolby Digital Plus	重新編碼的 DTS	重新編碼的 Dolby Digital *
	Dolby TrueHD	PCM 2 聲道	PCM 2 聲道	Dolby TrueHD	Dolby Digital	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS	PCM 2 聲道	PCM 2 聲道	DTS	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS-HD High Resolution Audio	PCM 2 聲道	PCM 2 聲道	DTS-HD High Resolution Audio	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
	DTS-HD Master Audio	PCM 2 聲道	PCM 2 聲道	DTS-HD Master Audio	DTS	重新編碼的 DTS	重新編碼的 Dolby Digital *
DVD 上的音訊流	PCM	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道	PCM 2 聲道
	Dolby Digital	PCM 2 聲道	PCM 2 聲道	Dolby Digital	Dolby Digital	Dolby Digital	Dolby Digital
	DTS	PCM 2 聲道	PCM 2 聲道	DTS	DTS	DTS	DTS
Blu-ray 光碟的清晰度	任意	將主要特徵音訊和 BONUSVIEW 音頻流一起解碼為 PCM 音訊，並新增導覽音效。		僅輸出主要特徵音訊，以便 AV 接收器可以解碼音訊位元流。您將聽不到 BONUSVIEW 音頻或導覽音效。		將主要特徵音訊和 BONUSVIEW 音頻流一起解碼為 PCM 音訊，並新增導覽音效，然後將 PCM 音訊重新編碼為 DTS 位元流。	將主要特徵音訊和 BONUSVIEW 音訊流一起解碼為 PCM 音訊，並新增導覽音效，然後將 PCM 音訊重新編碼為 Dolby Digital 位元流

* 如果 Source Stream 是 2 聲道，則不會套用「Dolby D重新編碼」設定。

Blu-ray 光碟可能包括三種音訊流：

- 主要特徵音訊：主要特徵的音訊聲道。
- BONUSVIEW 音頻： 附加聲道，例如導演或演員的註解。
- 導覽音效：選擇一些功能表導覽時，導覽音效可能會發出聲音。導覽音效在每張 Blu-ray 光碟上各不相同。

故障排除

在請求服務前，請嘗試下列解決方案。

問題	解決方案
遙控器無法執行任何操作。	• 檢查遙控器裡的電池。它們可能需要更換。 • 在離播放機不超過 6.1 米的距離內操作遙控器。 • 取出電池，按住一個或多個按鈕幾分鐘以耗盡遙控器內部的微處理器，以便進行重設。 裝回電池，然後再次嘗試操作遙控器。
無法播放光碟。	• 確定光碟安裝時，光碟的標籤面朝上。 • 檢查 Blu-ray 光碟/DVD 的區域代碼。
「光碟功能表」沒有出現。	• 請確定該光碟具有光碟功能表。
禁止訊息出現在螢幕上。	• 按無效的按鈕時，此訊息就會出現。 • Blu-ray 光碟/DVD 軟體不支援此功能（例如，視角）。 • 您請求的標題、章節編號或搜尋時間超出範圍。
播放模式與 設定功能表選擇不同。	• 如果光碟沒有相應功能的編碼，則在設定功能表中選定的功能可能不能正常工作。
屏幕比例無法更改。	• Blu-ray 光碟/DVD 上的.螢幕比例是固定的。 • 這不是播放機運作失常。
無音訊。	• 請確定您已經在「音訊選項」功能表中選擇了正確的「數位輸出」。

問題	解決方案
螢幕空白。	• 如果將 HDMI 輸出設定為電視不能支援的解像度（例如 1080p），則在電視上可能看不到圖片。 • 在內部無光碟的情況下，按前面板上的 ▶II 按鈕 5 秒鐘以上。所有設定將恢復為出廠設定。 • 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。
忘記 PIN	• 在內部無光碟的情況下，按前面板上的 ▶II 按鈕 5 秒鐘以上。所有的設定，包括密碼，將恢復為出廠設定。 除非絕對必要，否則不要使用此操作。 • 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。
如果您遇到其他問題。	• 移到目錄，查找含有對當前問題解釋的使用手冊部分，然後再次遵照程序操作。 • 如果問題仍然無法解決，請聯絡距您最近的 Samsung 授權服務中心。
畫面出現噪訊或失真	• 請確定光碟未弄髒或無刮痕。 • 清潔光碟。
無 HDMI 輸出。	• 檢查電視與播放機的 HDMI 插孔之間的連接。 • 檢查電視是否支援 480p、720p、1080i、1080p HDMI 輸入解像度。
異常 HDMI 輸出屏幕。	• 如果畫面上出現雪花噪訊，則表示電視不支援 HDCP（高頻寬數位內容保護）。

問題	解決方案
AllShare 功能	
我可以看到透過 AllShare 共用的資料夾，但是看不到檔案。	• AllShare 僅顯示視訊、相片和音樂檔案。不顯示其他類型的檔案。
視訊播放斷斷續續。	• 檢查網路是否穩定。 • 檢查網路電纜是否正確連接，以及網路是否超負荷。 • DLNA 相同裝置與播放機之間的無線連線不穩定。請檢查連線。
播放機與電腦之間的 AllShare 連線不穩定。	• 同一個子網路中的 IP 地址應該是唯一的。如果不唯一，IP 干擾可能會導致此現象。 • 檢查是否啟用了防火牆。若啟用，請停用防火牆功能。
BD-LIVE	
無法連接到 BD-LIVE 伺服器。	• 使用「網路狀態」功能測試網路連接是否成功。（請參閱第 16 頁） • 檢查是否將 USB 記憶體裝置連接至播放機。 • 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。可以在 BD 資料管理中檢查可用大小。（請參閱第 16 頁） • 檢查「BD-LIVE 網際網路連線」選項是否設定為「允許 (所有)」。 • 如果上述所有原因都不正確，請與內容提供商聯絡或將播放機更新為最新的韌體。
使用 BD-LIVE 服務時發生錯誤。	• 記憶體裝置至少要有 1GB 可用空間才能容納 BD-LIVE 服務。可以在 BD 資料管理中檢查可用大小。（請參閱第 16 頁）

| 附註 |

▸ 恢復出廠預設設定後，將會刪除所有已儲存的使用者 BD 資料。

維修

如果您要與我們聯絡以維修播放機，則在下列情況下可能需要收取管理費：

1. 您致電工程師上門維修，但是產品無缺陷。
2. 您將裝置帶到維修中心維修，但是產品無缺陷。

我們在上門服務或開始修理播放機之前，我們將為您提供管理費用。
建議您通讀本使用手冊，在 www.samsung.com 上線上搜尋解決方案，或者與 Samsung 客戶中心聯絡，再將播放機送修。

規格

一般	重量	1.08 公斤
	尺寸	360 (寬) X 193 (深) X 37 (高) 毫米
	工作溫度範圍	+5℃ 至 +35℃
	工作濕度範圍	10 % 至 75 %
USB	類型 A	USB 2.0
	DC 輸出	最大 5V 500mA
HDMI	視訊	2D：1080p, 1080i, 720p, 480p 3D：1080p, 720p
	音訊	PCM, 位元流
音訊輸出	數位音訊輸出	同軸
網路	乙太網路	100BASE - TX 端子
	無線 LAN	將播放機連接至 Samsung 無線 LAN 轉接器時受支援。 (型號名稱： WIS12ABGNX)
	安全	WEP (OPEN/SHARED) WPA-PSK (TKIP/AES) WPA2-PSK (TKIP/AES)
	WPS(PBC)	支援

- 不支援等於或低於 10Mbps 的網路速度。
- 設計和規格可能會隨時變更，恕不另行通知。
- 如需電源和功耗資訊，請參閱貼在播放機上的標籤。
- 重量和尺寸均為近似值。

聯絡 SAMSUNG WORLD WIDE

如果您有任何關於 Samsung 產品的問題或意見，請聯絡 SAMSUNG 客戶服務中心。

Area	Contact Centre ☎	Web Site
▪ Asia Pacific		
AUSTRALIA	1300 362 603	www.samsung.com
NEW ZEALAND	0800 SAMSUNG (0800 726 786)	www.samsung.com
CHINA	400-810-5858	www.samsung.com
HONG KONG	(852) 3698 4698	www.samsung.com/hk www.samsung.com/hk_en/
INDIA	1800 1100 11 3030 8282 1800 3000 8282 1800 266 8282	www.samsung.com
INDONESIA	0800-112-8888 021-5699-7777	www.samsung.com
MALAYSIA	1800-88-9999	www.samsung.com
PHILIPPINES	1-800-10-SAMSUNG(726-7864) for PLDT 1-800-3-SAMSUNG(726-7864) for Digitel 1-800-8-SAMSUNG(726-7864) for Globe 02-5805777	www.samsung.com
SINGAPORE	1800-SAMSUNG(726-7864)	www.samsung.com
THAILAND	1800-29-3232 02-689-3232	www.samsung.com
TAIWAN	0800-329-999 0266-026-066	www.samsung.com
VIETNAM	1 800 588 889	www.samsung.com

Area	Contact Centre ☎	Web Site
▪ Middle East		
U.A.E	800-SAMSUNG (726-7864)	www.samsung.com
OMAN	800-SAMSUNG (726-7864)	www.samsung.com
KUWAIT	183-2255	www.samsung.com
BAHRAIN	8000-4726	www.samsung.com
Egypt	08000-726786	www.samsung.com
JORDAN	800-22273	www.samsung.com
IRAN	021-8255	www.samsung.com
Morocco	080 100 2255	www.samsung.com
Saudi Arabia	9200-21230	www.samsung.com
▪ Africa		
NIGERIA	0800-726-7864	www.samsung.com
Ghana	0800-10077 0302-200077	www.samsung.com
Cote D' Ivoire	8000 0077	www.samsung.com
Senegal	800-00-0077	www.samsung.com
Cameroon	7095- 0077	www.samsung.com
KENYA	0800 724 000	www.samsung.com
UGANDA	0800 300 300	www.samsung.com
TANZANIA	0685 88 99 00	www.samsung.com
SOUTH AFRICA	0860-SAMSUNG(726-7864)	www.samsung.com

ENERGY STAR

AK68-02026Y-02